

S E V E R N
T R E N T
S E R V I C E S

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705-4808

December 29, 2000

Tel: 714 258 8610
Fax: 714 258 0921
www.stl-inc.com

STL LOT NUMBER: E0L180216
PO/CONTRACT: 05160-SEV002

Rus Purcell
Kennedy/Jenks Consultants
2151 Michelson Drive
Suite 100
Irvine, CA 92612

Dear Mr. Purcell,

This report contains the analytical results for the 12 samples received under chain of custody by STL Los Angeles on December 18, 2000. These samples are associated with your Boeing C-6 project.

All applicable quality control procedures met method-specified acceptance criteria. Matrix related anomalies are footnoted within the report.

This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions, please feel free to call me at 714-258-8610.

Sincerely,



Diane Suzuki
Project Manager

cc: Project File

No. 203091

SEVERN TRENT LABORATORIES

CHAIN OF CUSTODY RECORD

Committed To Your Success

CUSTOMER INFORMATION

COMPANY:

Kennedy / Jeans

SEND REPORT TO:

Jay Knight

ADDRESS:

2151 Nickerson Dr. Suite
Traverse City, MI 49612

PHONE:

949-261-1577

FAX:

949-261-2134

PHONE:

PO NO.:

PROJECT INFORMATION

PROJECT NAME/NUMBER:

Boehns C-6

BILLING INFORMATION

BILL TO:

Boehrle

ADDRESS:

NUMBER OF CONTAINERS

1 VOC's - 8260

Metals - 8015

TPH - 8015

LAB JOB NO.

SAMPLER:

SHIPMENT METHOD:

AIRBILL NO.:

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

REQUIRED TURNAROUND* SAME DAY 24 HOURS 48 HOURS 48 HOURS 5 DAYS 10 DAYS ROUTINE OTHER

1. RELINQUISHED BY: SIGNATURE: <i>Jay Knight</i>	DATE: <i>12-18-00</i>	2. RELINQUISHED BY: SIGNATURE: <i>Jay Knight</i>	DATE: <i>12-18-00</i>	3. RELINQUISHED BY: SIGNATURE: <i>Jay Knight</i>	DATE: <i>12-18-00</i>
PRINTED NAME/COMPANY: <i>Jay Knight / Kennedy / Jeans</i>	TIME: <i>16:15</i>	PRINTED NAME/COMPANY: <i>STL</i>	TIME: <i>17:00</i>	PRINTED NAME/COMPANY: <i>STL</i>	TIME: <i>17:00</i>
1. RECEIVED BY: SIGNATURE: <i>John Doe</i>	DATE: <i>12-18-00</i>	2. RECEIVED BY: SIGNATURE: <i>John Doe</i>	DATE: <i>12-18-00</i>	3. RECEIVED BY: SIGNATURE: <i>John Doe</i>	DATE: <i>12-18-00</i>
PRINTED NAME/COMPANY: <i>STL</i>	TIME: <i>16:15</i>	PRINTED NAME/COMPANY: <i>STL</i>	TIME: <i>17:25</i>	PRINTED NAME/COMPANY: <i>STL</i>	TIME: <i>17:25</i>

SEVERN TRENT LABORATORIES

1721 South Grand Avenue
Santa Ana 92705

Phone: (714) 258-861u / Fax: (714) 258-0921

SEVERN TRENT
LABORATORIES, INC.
STANDARD TERMS
AND CONDITIONS

ACCEPTANCE. Severn Trent Laboratories, Inc. (hereafter referred to as "STL") offers and will accept orders for services (as defined herein) only under the following Standard Terms and Conditions (the "Terms"). These Terms shall not apply if STL and the Customer shall have executed a separate agreement in writing. If specific Terms are not incorporated in the separate agreement those Terms will apply to the Customer. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of STL. Customer's order for services shall be subject to the Terms and the Terms shall be binding upon receipt of samples to STL. Either party may terminate this agreement at any time by giving written notice of such termination to the other party. Upon termination the customer is subject to payment for all services rendered and expenses incurred up to date in accordance with the applicable Price Schedule.

INSURANCE. STL maintains insurance coverage with minimum limits as follows: (a) Comprehensive General Liability- \$1,000,000 each occurrence \$2,000,000 annual aggregate; (b) Comprehensive Automotive Liability Bodily Injury and Property Damage- \$1,000,000 each occurrence. (c) Workman's Compensation- \$500,000 each occurrence and \$500,000 each employee; STL and Customer agree to furnish the other, upon request, certificates attesting to the existence of insurance coverage.

INDEPENDENT CONTRACTOR. STL's relationship with Customer under this agreement shall be that of an independent contractor. Nothing in this Agreement shall be construed to designate STL, or any of its employees or subcontractors, as employees, joint venturers or partners of Customer.

SUBCONTRACTING. STL shall have the right to subcontract any and all services, duties, and obligations hereunder, in whole or in part with the consent of the Customer in a timely response which shall not be unreasonably refused. Subcontractor shall be bound by the same Terms of performance as STL.

BILLING. All fees are charged or billed directly to the Customer. The billing of a third party will not be accepted without a statement, signed by the third party, which acknowledges and accepts payment responsibility.

PAYMENT. Payment in advance is required for all Customers except those whose credit has been established with STL. Customers with STL approved credit, terms are Net 30 days, after which time a 1-1/2% per month late charge is added to all unpaid balances. Failure of the Customer to pay according to Terms gives STL the right to withhold delivery of future data until all past due invoices have been settled. Customer shall pay all costs and expenses incident to the collection of past due amounts, including reasonable attorney's fees. No retainage of fees by the customer is allowed without the consent of STL.

MODIFICATIONS. If the sample received is of unknown character than in the original quote, or if due to the composition of the sample the original procedure specified is not practicable or likely to produce reliable results, Customer will be promptly notified. Modified procedures will be suggested and STL may quote new prices for such modifications. Upon agreement of such modification, the original quote shall be deemed amended and the samples in question shall be deemed to have been received.

TIME OF PERFORMANCE. STL will use its best efforts to comply with storage, processing and analytical time limits requested by the Customer. Unless specifically agreed to in writing between STL and Customer, the time performance of any testing or other services performed by STL under this agreement is not guaranteed and STL shall have no liability for failure to perform such services within the time requested. Quick turnaround times are available at a premium cost which will be defined in the quote, providing STL workload availability.

LIMITATION OF DAMAGES. STL is not an insurer of services rendered and the payments mentioned are based solely on the value of the services provided pursuant to this agreement. STL's liability to the Customer and the Customer's exclusive remedy for any cause of action alleged against STL, whether based in contract, tort, or otherwise, shall be limited solely to the amount paid by the Customer for the services performed. In no event shall STL be liable for incidental or consequential damages including, without limitation, business interruption, loss of use, or loss of profits incurred by the Customer, its subsidiaries, affiliates, successors or assigns, arising out of or related to this agreement or the performance of services hereunder.

WARRANTY. STL makes no warranty or representation, express or implied, or guarantee of results from the performance of services pursuant to this Agreement. Any information, recommendation, interpretation, or opinion by STL is

based upon inferences and assumptions which are subject to error, and with respect to which analysis may differ. Accordingly, STL does not assume any liability with respect to the use of, or for damages resulting from the use of, any information, data, test results, analysis, apparatus, method, or process disclosed by STL. STL makes no presentation or warranty of any kind, including but not limited to, the warranties of fitness for a particular purpose or merchantability, nor are any such warranties to be implied with respect to the data or service furnished. STL assumes no responsibility with respect to Customer's use thereof.

LIMITATION ACTION. No action, regardless of form, arising out of or brought in connection with any services provided under this Agreement may be brought by the Customer more than one year after the performance of said services by STL. It is expressly agreed that STL shall have no liability to Customer unless that liability arises out of the willful misconduct or gross negligence of STL or its duly authorized employees.

CONFIDENTIALITY. Data and the sample materials provided by Customer or at Customer's request and the result obtained by STL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Customer has failed to pay STL for all services rendered or is otherwise in breach of this Agreement) subject to any disclosure required by law or legal process. STL's reports and the data and information provided therein are for the exclusive use and benefit of Customer and Customer agrees there shall be no third party beneficiary of such reports, data, or information. Customer will not disclose to any third party any information concerning STL's technical information, software programs, or other formulations.

SEVERABILITY. The provisions of this Agreement shall be severable, and if any clause, sentence, paragraph, provision or other part hereof shall be adjudged by any court of competent jurisdiction to be invalid, such judgment shall not affect, impair or invalidate the remainder hereof, which remainder shall continue in full force and effect.

WAIVER. No waiver by either party of any breach, default or violation of any term, warranty, representation, agreement, covenant, condition or provision hereof shall constitute a waiver of any subsequent breach, default or violation of the same or any other term, warranty, representation, agreement, covenant, condition or provision hereof. All waivers must be in writing.

FORCE MAJEURE. Obligation of either party under this Agreement shall be suspended, and such party shall not be liable for damages or other remedies while such party is prevented from complying therewith, in whole or in part, due to contingencies beyond its reasonable control, including, but not limited to, strikes, riots, war, fire, act of God, injunction, compliance with any law, regulation or order, whether valid or invalid, of the United States of America or any other governmental body or any instrumentality, matrix interference or unknown highly contaminated samples that impact instrument operations thereof, whether now existing or hereafter created, inability to secure materials or obtain necessary permits, provided, however, the party so prevented from complying with its obligations hereunder shall promptly notify the other party thereof.

LITIGATION. All costs associated with compliance to any subpoena for documents, for testimony in court of law, or for any other purpose relating to work performed by STL, in connection with work performed for the Customer, shall be paid by the Customer. Such costs shall include, but are not limited to, hourly charges for persons involved in responding to subpoenas, travel and accommodations, mileage, attorney's preparation of testifier and advice of counsel in connection with response to subpoenas, and all other expenses deemed reasonable and associated with said litigation.

HAZARDOUS WASTE. Unused portions of samples found or suspected to be hazardous according to state or federal guidelines may be returned to the Customer upon completion of the analytical work. The cost of returning the sample may be invoiced to the Customer. The sample portions thereof remain the property of the Customer at all times. All radioactive or dioxin containing samples will be returned to the sampling site or to the Customer at the Customer's expense.

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COMPLIANCE WITH LAW. In the performance of all services to be provided hereunder, STL and Customer agree to comply with all applicable Federal, State and local laws and ordinances and all lawful orders, rules and regulations of any constituted authority.

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No. 203092

SEVERN TRENT LABORATORIES

CHAIN OF CUSTODY RECORD

Committed To Your Success

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

CUSTOMER INFORMATION		PROJECT INFORMATION		NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST	LAB JOB NO.			
COMPANY:	Jay King	PROJECT NAME/NUMBER:	Boeing C-6 / 004032-01				BILLING INFORMATION		
SEND REPORT TO:	Jay King	BILL TO:		ADDRESS:	Irvine, CA 92612	ADDRESS:			
ADDRESS:	2151 Michelson Dr, Ste 100	PHONE:	949-261-1577	PHONE:					
FAX:	261-2134	FAX:		P.O. NO.:					
SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	REMARKS/PRECAUTIONS		
R-121800	12-18	1535	W	VOC	HCl	X			
trip blank	,	"	"	,	,	X			
SAMPLER:	SHIPMENT METHOD:						AIRBILL NO.:		
REQUIRED TURNAROUND*		<input type="checkbox"/> SAME DAY	<input type="checkbox"/> 24 HOURS	<input type="checkbox"/> 48 HOURS	<input checked="" type="checkbox"/> 72 HOURS	<input type="checkbox"/> 5 DAYS	<input type="checkbox"/> 10 DAYS	<input type="checkbox"/> ROUTINE	<input type="checkbox"/> OTHER
1. RELINQUISHED BY:	SIGNATURE: <i>Jay King</i>	DATE: 12-18-01	2. RELINQUISHED BY:	SIGNATURE: <i>Jay King</i>	DATE: 12-18-01	3. RELINQUISHED BY:	SIGNATURE: <i>Jay King</i>	DATE: 12-18-01	
PRINTED NAME/COMPANY:	<i>Jay King</i>	TIME: 165	PRINTED NAME/COMPANY:	<i>STL</i>	TIME: 1420	PRINTED NAME/COMPANY:		TIME	
1. RECEIVED BY:	SIGNATURE: <i>M. L. Smith</i>	DATE: 12-18-01	2. RECEIVED BY:	SIGNATURE: <i>John K.</i>	DATE: 12-18	3. RECEIVED BY:	SIGNATURE: <i>John K.</i>	DATE	
PRINTED NAME/COMPANY:	<i>STL</i>	TIME: 165	PRINTED NAME/COMPANY:	<i>STL</i>	TIME: 17:25	PRINTED NAME/COMPANY:		TIME	

000003

SEVERN TRENT LABORATORIES

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STL – LOS ANGELES
PROJECT RECEIPT CHECKLIST

Quantim's Lot #: UBL 18 0216
 Client Name: KENNEDY JUNKS
 Received by: AV
 Delivered by : Client Airborne Fed Ex
 UPS DES Other MIKE H.

Date: 12/18/00

Quote #: _____
 Project: Boeing C-6
 Date/Time Received: 12/18 17:25
 DHL Ultra-Ex Rey B.

Initial / Date

Custody Seal Status: Intact Broken None AV 12/18

Custody Seal #(s): No Seal # _____

Sample Container(s): STL-LA Client N/A

Temperature(s) (COOLER/BLANK) in °C: 4°C (CORRECTED TEMP)

Thermometer Used : IR (Infra-red) Digital (Probe)

Samples: Intact Broken Other

Anomalies: No Yes (See Clouseau)

Labeled by

Labeling checked by

Turn Around Time: RUSH-24HR RUSH-48HR RUSH-72HR NORMAL

Short-Hold Notification: Ph Wet Chem Metals (Filter/Pres) Encore N/A ...

Outside Analysis(es) (Test/Lab/Date Sent Out):

***** LEAVE NO BLANK SPACES ; USE N/A *****

Fraction	1 TO 10	11,12								PH	
VOA# 1*		1								<u>N/A</u>	
Poly. Shaker	1										

h:HCl na:Sodium Hydroxide zma:Zinc Acetate/Sodium Hydroxide s:H2SO4 a:HNO3 n/f:HNO3-Field filtered n/l:HNO3-Lab filtered
 CGJ:Clear Glass Jar CGB:Clear Glass Bottle AGJ:Amber Glass Jar AGB:Amber Glass Bottle PB: Poly Bottle E:Encore Sampler V:VOA

* Number of VOA's w/ Headspace present

LOGGED BY/DATE: AB 12/18/00

REVIEWED BY/DATE: JW 12/18/00

PPC Ver. 5 030300 KMF

GRANCASTER Project Sample Control Form

000004

BOE-C6-0171931

EXECUTIVE SUMMARY - Detection Highlights

EOL180216

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
C_2_292_1 12/18/00 08:50 001				
Mercury	0.046 B	0.10	mg/kg	SW846 7471A
Aluminum	30300	20.0	mg/kg	SW846 6010B
Arsenic	3.8	1.0	mg/kg	SW846 6010B
Antimony	0.39 B	6.0	mg/kg	SW846 6010B
Barium	154	2.0	mg/kg	SW846 6010B
Cadmium	0.51	0.50	mg/kg	SW846 6010B
Chromium	31.1	1.0	mg/kg	SW846 6010B
Beryllium	0.93	0.50	mg/kg	SW846 6010B
Lead	5.4	0.50	mg/kg	SW846 6010B
Cobalt	12.7	5.0	mg/kg	SW846 6010B
Copper	15.9	2.5	mg/kg	SW846 6010B
Molybdenum	1.5 B	4.0	mg/kg	SW846 6010B
Nickel	20.4	4.0	mg/kg	SW846 6010B
Thallium	1.2	1.0	mg/kg	SW846 6010B
Vanadium	59.1	5.0	mg/kg	SW846 6010B
Zinc	49.7	2.0	mg/kg	SW846 6010B
Trichloroethene	52	5.0	ug/kg	SW846 8260B
C_2_292_5 12/18/00 08:58 002				
Mercury	0.10	0.10	mg/kg	SW846 7471A
Aluminum	27600	20.0	mg/kg	SW846 6010B
Arsenic	4.4	1.0	mg/kg	SW846 6010B
Antimony	0.47 B	6.0	mg/kg	SW846 6010B
Barium	294	2.0	mg/kg	SW846 6010B
Cadmium	0.59	0.50	mg/kg	SW846 6010B
Chromium	29.7	1.0	mg/kg	SW846 6010B
Beryllium	0.74	0.50	mg/kg	SW846 6010B
Lead	4.7	0.50	mg/kg	SW846 6010B
Cobalt	8.2	5.0	mg/kg	SW846 6010B
Copper	19.4	2.5	mg/kg	SW846 6010B
Molybdenum	1.6 B	4.0	mg/kg	SW846 6010B
Nickel	20.3	4.0	mg/kg	SW846 6010B
Thallium	0.76 B	1.0	mg/kg	SW846 6010B
Vanadium	58.6	5.0	mg/kg	SW846 6010B
Zinc	56.1	2.0	mg/kg	SW846 6010B
Trichloroethene	12	5.0	ug/kg	SW846 8260B
C_2_292_10 12/18/00 09:08 003				
Trichloroethene	17	5.0	ug/kg	SW846 8260B

(Continued on next page)

000005

EXECUTIVE SUMMARY - Detection Highlights

EOL180216

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
C_2_293_5 12/18/00 09:30 004				
Mercury	0.036 B	0.10	mg/kg	SW846 7471A
Aluminum	24700	20.0	mg/kg	SW846 6010B
Arsenic	4.0	1.0	mg/kg	SW846 6010B
Antimony	0.88 B	6.0	mg/kg	SW846 6010B
Barium	186	2.0	mg/kg	SW846 6010B
Cadmium	0.57	0.50	mg/kg	SW846 6010B
Chromium	29.3	1.0	mg/kg	SW846 6010B
Beryllium	0.70	0.50	mg/kg	SW846 6010B
Lead	5.9	0.50	mg/kg	SW846 6010B
Cobalt	12.3	5.0	mg/kg	SW846 6010B
Copper	26.3	2.5	mg/kg	SW846 6010B
Molybdenum	1.7 B	4.0	mg/kg	SW846 6010B
Nickel	20.9	4.0	mg/kg	SW846 6010B
Vanadium	57.2	5.0	mg/kg	SW846 6010B
Zinc	67.7	2.0	mg/kg	SW846 6010B
C_2_293_10 12/18/00 09:37 005				
Trichloroethene	10	5.0	ug/kg	SW846 8260B
C_2_294_5 12/18/00 09:51 006				
Aluminum	22300	20.0	mg/kg	SW846 6010B
Arsenic	3.8	1.0	mg/kg	SW846 6010B
Antimony	0.44 B	6.0	mg/kg	SW846 6010B
Barium	173	2.0	mg/kg	SW846 6010B
Cadmium	0.40 B	0.50	mg/kg	SW846 6010B
Chromium	23.7	1.0	mg/kg	SW846 6010B
Beryllium	0.62	0.50	mg/kg	SW846 6010B
Lead	4.5	0.50	mg/kg	SW846 6010B
Cobalt	9.6	5.0	mg/kg	SW846 6010B
Copper	18.7	2.5	mg/kg	SW846 6010B
Molybdenum	1.4 B	4.0	mg/kg	SW846 6010B
Nickel	18.3	4.0	mg/kg	SW846 6010B
Thallium	0.69 B	1.0	mg/kg	SW846 6010B
Vanadium	55.6	5.0	mg/kg	SW846 6010B
Zinc	58.8	2.0	mg/kg	SW846 6010B
C_2_297_5 12/18/00 10:25 008				
Mercury	0.035 B	0.10	mg/kg	SW846 7471A
Aluminum	17600	20.0	mg/kg	SW846 6010B
Arsenic	3.1	1.0	mg/kg	SW846 6010B

(Continued on next page)

000006

EXECUTIVE SUMMARY - Detection Highlights

EOL180216

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
C_2_297_5 12/18/00 10:25 008				
Antimony	0.41 B	6.0	mg/kg	SW846 6010B
Barium	115	2.0	mg/kg	SW846 6010B
Cadmium	0.47 B	0.50	mg/kg	SW846 6010B
Chromium	21.7	1.0	mg/kg	SW846 6010B
Beryllium	0.56	0.50	mg/kg	SW846 6010B
Lead	14.2	0.50	mg/kg	SW846 6010B
Cobalt	10.8	5.0	mg/kg	SW846 6010B
Copper	17.1	2.5	mg/kg	SW846 6010B
Molybdenum	1.2 B	4.0	mg/kg	SW846 6010B
Nickel	14.7	4.0	mg/kg	SW846 6010B
Vanadium	41.3	5.0	mg/kg	SW846 6010B
Zinc	48.0	2.0	mg/kg	SW846 6010B
Trichloroethene	8.2	5.0	ug/kg	SW846 8260B
C_2_297_15 12/18/00 10:37 010				
Trichloroethene	19	5.0	ug/kg	SW846 8260B
R_121800 12/18/00 15:35 011				
Acetone	17	10	ug/L	SW846 8260B
TRIP BLANK 12/18/00 15:35 012				
Acetone	6.2 J	10	ug/L	SW846 8260B

000007

METHODS SUMMARY

EOL180216

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
Extractable Petroleum Hydrocarbons	SW846 8015B	SANA AUTO-SHAKE
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Volatile Organics by GC/MS	SW846 8260B	SW846 5030
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5030

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

000008

SAMPLE SUMMARY

EOL180216

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
DRL80	001	C_2_292_1	12/18/00	08:50
DRL81	002	C_2_292_5	12/18/00	08:58
DRL82	003	C_2_292_10	12/18/00	09:08
DRL83	004	C_2_293_5	12/18/00	09:30
DRL84	005	C_2_293_10	12/18/00	09:37
DRL85	006	C_2_294_5	12/18/00	09:51
DRL87	007	C_2_294_10	12/18/00	09:58
DRL88	008	C_2_297_5	12/18/00	10:25
DRL89	009	C_2_297_10	12/18/00	10:32
DRL9A	010	C_2_297_15	12/18/00	10:37
DRL9E	011	R_121800	12/18/00	15:35
DRL9F	012	TRIP BLANK	12/18/00	15:35

NOTE(S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filer test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

000009

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_292_1

GC Semivolatiles

Lot-Sample #....: E0L180216-001 Work Order #....: DRL801AC Matrix.....: SOLID
 Date Sampled....: 12/18/00 08:50 Date Received...: 12/18/00 17:25 MS Run #.....: 0354224
 Prep Date.....: 12/19/00 Analysis Date...: 12/21/00
 Prep Batch #....: 0354385 Analysis Time...: 16:53
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID..: G02
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
Benzo(a)pyrene		76	<u>LIMITS</u>	
			(60 - 130)	

000010

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_292_1

GC Volatiles

Lot-Sample #....: E0L180216-001 Work Order #....: DRL801AD Matrix.....: SOLID
Date Sampled....: 12/18/00 08:50 Date Received...: 12/18/00 17:25 MS Run #.....: 0361167
Prep Date.....: 12/21/00 Analysis Date...: 12/21/00
Prep Batch #....: 0361304 Analysis Time..: 14:08
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID..: G15
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10
<u>SURROGATE</u>	<u>PERCENT</u>	RECOVERY		
a,a,a-Trifluorotoluene (TFT)	RECOVERY	LIMITS		
	89	(60 - 130)		

000011

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_292_1

GC/MS Volatiles

Lot-Sample #....: E0L180216-001 Work Order #....: DRL801AA Matrix.....: SOLID
 Date Sampled....: 12/18/00 08:50 Date Received...: 12/18/00 17:25 MS Run #.....: 0359005
 Prep Date.....: 12/23/00 Analysis Date...: 12/23/00
 Prep Batch #....: 0359097 Analysis Time...: 22:00
 Dilution Factor: 1
 Analyst ID.....: 015590 Instrument ID..: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromoform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	52	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000012

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_292_1

GC/MS Volatiles

Lot-Sample #....: E0L180216-001 Work Order #....: DRL801AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	RECOVERY	RECOVERY		
		LIMITS		
Bromofluorobenzene	87	(70 - 130)		
1,2-Dichloroethane-d4	99	(60 - 140)		
Toluene-d8	91	(70 - 130)		

000013

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_292_5

GC Semivolatiles

Lot-Sample #....: E0L180216-002 Work Order #....: DRL811AD Matrix.....: SOLID
 Date Sampled....: 12/18/00 08:58 Date Received...: 12/18/00 17:25 MS Run #.....: 0354224
 Prep Date.....: 12/19/00 Analysis Date...: 12/21/00
 Prep Batch #....: 0354385 Analysis Time...: 18:49
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID..: G02
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
Benzo (a) pyrene		86	<u>LIMITS</u>	
			(60 - 130)	

000014

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_292_5

GC Volatiles

Lot-Sample #....: E0L180216-002 Work Order #....: DRL811AE Matrix.....: SOLID
Date Sampled...: 12/18/00 08:58 Date Received...: 12/18/00 17:25 MS Run #.....: 0361167
Prep Date.....: 12/21/00 Analysis Date...: 12/21/00
Prep Batch #....: 0361304 Analysis Time...: 14:35
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G15
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10
SURROGATE	PERCENT	RECOVERY		
a,a,a-Trifluorotoluene (TFT)	RECOVERY	LIMITS		
	93	(60 - 130)		

000015

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_292_5

GC/MS Volatiles

Lot-Sample #....: E0L180216-002 Work Order #....: DRL811AC Matrix.....: SOLID
 Date Sampled....: 12/18/00 08:58 Date Received...: 12/18/00 17:25 MS Run #.....: 0359005
 Prep Date.....: 12/23/00 Analysis Date...: 12/24/00
 Prep Batch #....: 0359097 Analysis Time..: 01:05
 Dilution Factor: 1
 Analyst ID.....: 015590 Instrument ID...: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	12	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000016

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_292_5

GC/MS Volatiles

Lot-Sample #....: EOL180216-002 Work Order #....: DRL811AC Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
Bromofluorobenzene	81	(70 - 130)		
1,2-Dichloroethane-d4	99	(60 - 140)		
Toluene-d8	85	(70 - 130)		

000017

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_292_10

GC/MS Volatiles

Lot-Sample #....: E0L180216-003 Work Order #....: DRL821AC Matrix.....: SOLID
 Date Sampled....: 12/18/00 09:08 Date Received...: 12/18/00 17:25 MS Run #.....: 0359005
 Prep Date.....: 12/23/00 Analysis Date...: 12/24/00
 Prep Batch #....: 0359097 Analysis Time...: 01:36
 Dilution Factor: 1
 Analyst ID.....: 015590 Instrument ID..: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	17	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000018

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_292_10

GC/MS Volatiles

Lot-Sample #....: E0L180216-003 Work Order #....: DRL821AC Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	
Bromofluorobenzene	80	(70 - 130)		
1,2-Dichloroethane-d4	94	(60 - 140)		
Toluene-d8	85	(70 - 130)		

000019

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_293_5

GC Semivolatiles

Lot-Sample #....: E0L180216-004 Work Order #....: DRL831AD Matrix.....: SOLID
 Date Sampled....: 12/18/00 09:30 Date Received...: 12/18/00 17:25 MS Run #.....: 0354224
 Prep Date.....: 12/19/00 Analysis Date...: 12/21/00
 Prep Batch #....: 0354385 Analysis Time...: 19:28
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G02
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
Benzo (a) pyrene		90	LIMITS (60 - 130)	

000020

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_293_5

GC Volatiles

Lot-Sample #....: E0L180216-004 Work Order #....: DRL831AE Matrix.....: SOLID
Date Sampled....: 12/18/00 09:30 Date Received...: 12/18/00 17:25 MS Run #.....: 0361167
Prep Date.....: 12/21/00 Analysis Date...: 12/21/00
Prep Batch #....: 0361304 Analysis Time...: 15:02
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G15
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10
<u>SURROGATE</u>	<u>PERCENT</u>	RECOVERY		
	<u>RECOVERY</u>	<u>LIMITS</u>		
a,a,a-Trifluorotoluene (TFT)	89	(60 - 130)		

000021

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_293_5

GC/MS Volatiles

Lot-Sample #....: E0L180216-004 Work Order #....: DRL831AC Matrix.....: SOLID
 Date Sampled....: 12/18/00 09:30 Date Received...: 12/18/00 17:25 MS Run #.....: 0359005
 Prep Date.....: 12/23/00 Analysis Date...: 12/24/00
 Prep Batch #....: 0359097 Analysis Time..: 02:07
 Dilution Factor: 1
 Analyst ID.....: 015590 Instrument ID.: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_293_5

GC/MS Volatiles

Lot-Sample #...: E0L180216-004 Work Order #...: DRL831AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
		(70 - 130)		
Bromofluorobenzene	80			
1,2-Dichloroethane-d4	94	(60 - 140)		
Toluene-d8	85	(70 - 130)		

000023

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_293_10

GC/MS Volatiles

Lot-Sample #....: E0L180216-005 Work Order #....: DRL841AA Matrix.....: SOLID
 Date Sampled....: 12/18/00 09:37 Date Received...: 12/18/00 17:25 MS Run #.....: 0359005
 Prep Date.....: 12/23/00 Analysis Date...: 12/24/00
 Prep Batch #....: 0359097 Analysis Time..: 02:38
 Dilution Factor: 1
 Analyst ID.....: 015590 Instrument ID...: MSD
 Method.....: SW846 8260B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	10	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_293_10

GC/MS Volatiles

Lot-Sample #....: E0L180216-005 Work Order #....: DRL841AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
		(70 - 130)		
Bromofluorobenzene	80			
1,2-Dichloroethane-d4	95	(60 - 140)		
Toluene-d8	86	(70 - 130)		

000025

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_294_5

GC Semivolatiles

Lot-Sample #....: E0L180216-006 Work Order #....: DRL851AD Matrix.....: SOLID
Date Sampled....: 12/18/00 09:51 Date Received...: 12/18/00 17:25 MS Run #.....: 0354224
Prep Date.....: 12/19/00 Analysis Date...: 12/21/00
Prep Batch #....: 0354385 Analysis Time...: 20:07
Dilution Factor: 1
Analyst ID.....: 356074 Instrument ID...: G02
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
		(60 - 130)		
Benzo(a)pyrene	97			

000026

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_294_5

GC Volatiles

Lot-Sample #....: E0L180216-006 Work Order #....: DRL851AE Matrix.....: SOLID
Date Sampled....: 12/18/00 09:51 Date Received...: 12/18/00 17:25 MS Run #.....: 0361167
Prep Date.....: 12/21/00 Analysis Date...: 12/21/00
Prep Batch #....: 0361304 Analysis Time..: 15:28
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G15
Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10
PERCENT RECOVERY				
SURROGATE	RECOVERY	LIMITS		
a,a,a-Trifluorotoluene (TFT)	97	(60 - 130)		

000027

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_294_5

GC/MS Volatiles

Lot-Sample #....: E0L180216-006 Work Order #....: DRL851AC Matrix.....: SOLID
 Date Sampled...: 12/18/00 09:51 Date Received...: 12/18/00 17:25 MS Run #.....: 0359005
 Prep Date.....: 12/23/00 Analysis Date...: 12/24/00
 Prep Batch #....: 0359097 Analysis Time...: 03:09
 Dilution Factor: 1
 Analyst ID.....: 015590 Instrument ID..: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_294_5

GC/MS Volatiles

Lot-Sample #....: EOL180216-006 Work Order #....: DRL851AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
		(70 - 130)	(60 - 140)	(70 - 130)
Bromofluorobenzene	81	(70 - 130)	(60 - 140)	(70 - 130)
1,2-Dichloroethane-d4	95	(70 - 130)	(60 - 140)	(70 - 130)
Toluene-d8	86	(70 - 130)	(60 - 140)	(70 - 130)

000029

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_294_10

GC/MS Volatiles

Lot-Sample #....: E0L180216-007 Work Order #....: DRL871AA Matrix.....: SOLID
 Date Sampled....: 12/18/00 09:58 Date Received...: 12/18/00 17:25 MS Run #.....: 0359005
 Prep Date.....: 12/23/00 Analysis Date...: 12/24/00
 Prep Batch #....: 0359097 Analysis Time..: 03:40
 Dilution Factor: 1
 Analyst ID.....: 015590 Instrument ID.: MSD
 Method.....: SW846 8260B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000030

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_294_10

GC/MS Volatiles

Lot-Sample #...: E0L180216-007 Work Order #...: DRL871AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	RECOVERY	RECOVERY		
		LIMITS		
Bromofluorobenzene	82	(70 - 130)		
1,2-Dichloroethane-d4	96	(60 - 140)		
Toluene-d8	87	(70 - 130)		

000031

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_297_5

GC Semivolatiles

Lot-Sample #....: E0L180216-008 Work Order #....: DRL881AD Matrix.....: SOLID
 Date Sampled....: 12/18/00 10:25 Date Received...: 12/18/00 17:25 MS Run #.....: 0354224
 Prep Date.....: 12/19/00 Analysis Date...: 12/21/00
 Prep Batch #....: 0354385 Analysis Time...: 20:46
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G02
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>REPORTING</u>			
	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>		
	<u>RECOVERY</u>	<u>LIMITS</u>		
Benzo (a) pyrene	69	(60 - 130)		

000032

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_297_5

GC Volatiles

Lot-Sample #....: E0L180216-008 Work Order #....: DRL881AE Matrix.....: SOLID
Date Sampled....: 12/18/00 10:25 Date Received...: 12/18/00 17:25 MS Run #.....: 0361167
Prep Date.....: 12/21/00 Analysis Date...: 12/21/00
Prep Batch #....: 0361304 Analysis Time...: 15:55
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G15
Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10
SURROGATE	PERCENT	RECOVERY		
	RECOVERY	LIMITS		
a,a,a-Trifluorotoluene (TFT)	94	(60 - 130)		

000033

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_297_5

GC/MS Volatiles

Lot-Sample #....: E0L180216-008 Work Order #....: DRL881AC Matrix.....: SOLID
 Date Sampled....: 12/18/00 10:25 Date Received...: 12/18/00 17:25 MS Run #.....: 0359005
 Prep Date.....: 12/23/00 Analysis Date...: 12/24/00
 Prep Batch #....: 0359097 Analysis Time...: 04:11
 Dilution Factor: 1
 Analyst ID.....: 015590 Instrument ID...: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	8.2	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000034

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_297_5

GC/MS Volatiles

Lot-Sample #....: E0L180216-008 Work Order #....: DRL881AC Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
		<u>RECOVERY</u>	<u>LIMITS</u>	
Bromofluorobenzene	80		(70 - 130)	
1,2-Dichloroethane-d4	102		(60 - 140)	
Toluene-d8	86		(70 - 130)	

000035

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_297_10

GC Semivolatiles

Lot-Sample #....: E0L180216-009 Work Order #....: DRL891AC Matrix.....: SOLID
 Date Sampled....: 12/18/00 10:32 Date Received...: 12/18/00 17:25 MS Run #.....: 0354224
 Prep Date.....: 12/19/00 Analysis Date...: 12/21/00
 Prep Batch #....: 0354385 Analysis Time...: 21:25
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G02
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>REPORTING</u>			
	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
Benzo (a) pyrene		RECOVERY	LIMITS	
		85	(60 - 130)	

000036

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_297_10

GC Volatiles

Lot-Sample #....: E0L180216-009 Work Order #....: DRL891AD Matrix.....: SOLID
Date Sampled....: 12/18/00 10:32 Date Received...: 12/18/00 17:25 MS Run #.....: 0361167
Prep Date.....: 12/21/00 Analysis Date...: 12/21/00
Prep Batch #....: 0361304 Analysis Time...: 16:22
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G15
Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10
SURROGATE				RECOVERY
a,a,a-Trifluorotoluene (TFT)	PERCENT	RECOVERY	LIMITS	(60 - 130)
	95			

000037

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_297_10

GC/MS Volatiles

Lot-Sample #....: E0L180216-009 Work Order #....: DRL891AA Matrix.....: SOLID
 Date Sampled....: 12/18/00 10:32 Date Received...: 12/18/00 17:25 MS Run #.....: 0359005
 Prep Date.....: 12/23/00 Analysis Date...: 12/24/00
 Prep Batch #....: 0359097 Analysis Time..: 04:41
 Dilution Factor: 1
 Analyst ID.....: 015590 Instrument ID...: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_297_10

GC/MS Volatiles

Lot-Sample #....: E0L180216-009 Work Order #....: DRL891AA Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
Bromofluorobenzene	80	(70 - 130)		
1,2-Dichloroethane-d4	97	(60 - 140)		
Toluene-d8	86	(70 - 130)		

000039

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_297_15

GC Semivolatiles

Lot-Sample #....: E0L180216-010 Work Order #....: DRL9A1AC Matrix.....: SOLID
 Date Sampled....: 12/18/00 10:37 Date Received...: 12/18/00 17:25 MS Run #.....: 0354224
 Prep Date.....: 12/19/00 Analysis Date...: 12/21/00
 Prep Batch #....: 0354385 Analysis Time...: 22:04
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G02
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>REPORTING</u>			
	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
<u>SURROGATE</u>				
Benzo(a)pyrene	PERCENT RECOVERY	RECOVERY LIMITS		
	82	(60 - 130)		

000040

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_297_15

GC Volatiles

Lot-Sample #....: E0L180216-010 Work Order #....: DRL9A1AD Matrix.....: SOLID
Date Sampled....: 12/18/00 10:37 Date Received...: 12/18/00 17:25 MS Run #.....: 0361167
Prep Date.....: 12/21/00 Analysis Date...: 12/21/00
Prep Batch #....: 0361304 Analysis Time..: 16:48
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G15
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>REPORTING</u>			
	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10
<u>SURROGATE</u>		<u>PERCENT</u>		
a,a,a-Trifluorotoluene (TFT)		RECOVERY	<u>LIMITS</u>	
	91		(60 - 130)	

000041

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_297_15

GC/MS Volatiles

Lot-Sample #....: E0L180216-010 Work Order #....: DRL9A1AA Matrix.....: SOLID
 Date Sampled....: 12/18/00 10:37 Date Received...: 12/18/00 17:25 MS Run #.....: 0359005
 Prep Date.....: 12/23/00 Analysis Date...: 12/24/00
 Prep Batch #....: 0359097 Analysis Time...: 05:12
 Dilution Factor: 1
 Analyst ID.....: 015590 Instrument ID...: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromoform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	19	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000042

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_297_15

GC/MS Volatiles

Lot-Sample #....: E0L180216-010 Work Order #....: DRL9A1AA Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	
Bromofluorobenzene	80	(70 - 130)		
1,2-Dichloroethane-d4	97	(60 - 140)		
Toluene-d8	86	(70 - 130)		

000043

KENNEDY/JENKS CONSULTANTS

Client Sample ID: R_121800

GC/MS Volatiles

Lot-Sample #....: E0L180216-011 Work Order #....: DRL9E1AA Matrix.....: WATER
 Date Sampled....: 12/18/00 15:35 Date Received...: 12/18/00 17:25 MS Run #.....: 0358024
 Prep Date.....: 12/21/00 Analysis Date...: 12/21/00
 Prep Batch #....: 0358125 Analysis Time...: 14:02
 Dilution Factor: 1
 Analyst ID.....: 004648 Instrument ID...: MSC
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	17	10	ug/L	3.0
Benzene	ND	1.0	ug/L	0.30
Bromobenzene	ND	1.0	ug/L	0.30
Bromochloromethane	ND	1.0	ug/L	0.30
Bromoform	ND	1.0	ug/L	0.30
Bromomethane	ND	2.0	ug/L	1.0
Carbon tetrachloride	ND	0.50	ug/L	0.30
2-Butanone	ND	5.0	ug/L	3.0
n-Butylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
Carbon disulfide	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.30
Dichlorodifluoromethane	ND	1.0	ug/L	0.40
Bromodichloromethane	ND	1.0	ug/L	0.30
1,2-Dichloroethane	ND	0.50	ug/L	0.20
Chloroethane	ND	2.0	ug/L	0.30
Chloroform	ND	1.0	ug/L	0.20
Chloromethane	ND	2.0	ug/L	0.30
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro- propane	ND	2.0	ug/L	0.60
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Iodomethane	ND	2.0	ug/L	1.0
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
1,3-Dichlorobenzene	ND	1.0	ug/L	0.20
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
1,1-Dichloroethane	ND	1.0	ug/L	0.20
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.20
Vinyl chloride	ND	0.50	ug/L	0.30
2,2-Dichloropropane	ND	1.0	ug/L	0.30
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Ethylbenzene	ND	1.0	ug/L	0.20
Hexachlorobutadiene	ND	1.0	ug/L	0.30

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: R_121800

GC/MS Volatiles

Lot-Sample #....: E0L180216-011 Work Order #....: DRL9E1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
2-Hexanone	ND	5.0	ug/L	2.0
Isopropylbenzene	ND	1.0	ug/L	0.20
p-Isopropyltoluene	ND	1.0	ug/L	0.20
Methylene chloride	ND	1.0	ug/L	0.20
4-Methyl-2-pentanone	ND	5.0	ug/L	2.0
Methyl tert-butyl ether	ND	1.0	ug/L	0.50
n-Propylbenzene	ND	1.0	ug/L	0.40
Styrene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Tetrachloroethene	ND	1.0	ug/L	0.70
Toluene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
1,2,4-Trichloro- benzene	ND	1.0	ug/L	0.30
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
Trichloroethene	ND	1.0	ug/L	0.30
Trichlorofluoromethane	ND	2.0	ug/L	0.20
1,2,3-Trichloropropane	ND	1.0	ug/L	0.30
1,1,2-Trichlorotrifluoro- ethane	ND	1.0	ug/L	0.20
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.20
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
Xylenes (total)	ND	1.0	ug/L	0.50
Acrolein	ND	20	ug/L	12
Acrylonitrile	ND	20	ug/L	10
Vinyl acetate	ND	5.0	ug/L	1.0
Tetrahydrofuran	ND	10	ug/L	2.0
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0
SURROGATE		PERCENT RECOVERY	RECOVERY LIMITS	
Bromofluorobenzene	94		(75 - 120)	
1,2-Dichloroethane-d4	92		(65 - 130)	
Toluene-d8	103		(80 - 130)	

000045

KENNEDY/JENKS CONSULTANTS

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #....: E0L180216-012 Work Order #....: DRL9F1AA Matrix.....: WATER
 Date Sampled....: 12/18/00 15:35 Date Received...: 12/18/00 17:25 MS Run #.....: 0358024
 Prep Date.....: 12/21/00 Analysis Date...: 12/21/00
 Prep Batch #....: 0358125 Analysis Time...: 13:01
 Dilution Factor: 1
 Analyst ID.....: 004648 Instrument ID...: MSC
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	6.2 J	10	ug/L	3.0
Benzene	ND	1.0	ug/L	0.30
Bromobenzene	ND	1.0	ug/L	0.30
Bromochloromethane	ND	1.0	ug/L	0.30
Bromoform	ND	1.0	ug/L	0.30
Bromomethane	ND	2.0	ug/L	1.0
Carbon tetrachloride	ND	0.50	ug/L	0.30
2-Butanone	ND	5.0	ug/L	3.0
n-Butylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
Carbon disulfide	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.30
Dichlorodifluoromethane	ND	1.0	ug/L	0.40
Bromodichloromethane	ND	1.0	ug/L	0.30
1,2-Dichloroethane	ND	0.50	ug/L	0.20
Chloroethane	ND	2.0	ug/L	0.30
Chloroform	ND	1.0	ug/L	0.20
Chloromethane	ND	2.0	ug/L	0.30
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.60
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Iodomethane	ND	2.0	ug/L	1.0
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
1,3-Dichlorobenzene	ND	1.0	ug/L	0.20
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
1,1-Dichloroethane	ND	1.0	ug/L	0.20
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.20
Vinyl chloride	ND	0.50	ug/L	0.30
2,2-Dichloropropane	ND	1.0	ug/L	0.30
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Ethylbenzene	ND	1.0	ug/L	0.20
Hexachlorobutadiene	ND	1.0	ug/L	0.30

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000046

KENNEDY/JENKS CONSULTANTS

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #....: E0L180216-012 Work Order #....: DRL9F1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Hexanone	ND	5.0	ug/L	2.0
Isopropylbenzene	ND	1.0	ug/L	0.20
p-Isopropyltoluene	ND	1.0	ug/L	0.20
Methylene chloride	ND	1.0	ug/L	0.20
4-Methyl-2-pentanone	ND	5.0	ug/L	2.0
Methyl tert-butyl ether	ND	1.0	ug/L	0.50
n-Propylbenzene	ND	1.0	ug/L	0.40
Styrene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Tetrachloroethene	ND	1.0	ug/L	0.70
Toluene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
1,2,4-Trichloro- benzene	ND	1.0	ug/L	0.30
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
Trichloroethene	ND	1.0	ug/L	0.30
Trichlorofluoromethane	ND	2.0	ug/L	0.20
1,2,3-Trichloropropane	ND	1.0	ug/L	0.30
1,1,2-Trichlorotrifluoro- ethane	ND	1.0	ug/L	0.20
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.20
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
Xylenes (total)	ND	1.0	ug/L	0.50
Acrolein	ND	20	ug/L	12
Acrylonitrile	ND	20	ug/L	10
Vinyl acetate	ND	5.0	ug/L	1.0
Tetrahydrofuran	ND	10	ug/L	2.0
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Bromofluorobenzene	101	(75 - 120)		
1,2-Dichloroethane-d4	96	(65 - 130)		
Toluene-d8	113	(80 - 130)		

NOTE(S) :

J Estimated result. Result is less than RL.

000047

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_292_1

TOTAL Metals

Lot-Sample #....: E0L180216-001 Matrix.....: SOLID
 Date Sampled....: 12/18/00 08:50 Date Received..: 12/18/00 17:25

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>			<u>METHOD</u>	<u>PREPARATION-</u>	<u>WORK</u>
		<u>LIMIT</u>	<u>UNITS</u>	<u>ANALYSIS DATE</u>			
Prep Batch #....: 0354418							
Aluminum	30300	20.0	mg/kg	SW846 6010B	12/19-12/21/00	DRL801AE	
		Dilution Factor: 1		Analysis Time...: 00:37	Analyst ID.....: 003119		
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....: 8.0		
Arsenic	3.8	1.0	mg/kg	SW846 6010B	12/19-12/21/00	DRL801AF	
		Dilution Factor: 1		Analysis Time...: 00:37	Analyst ID.....: 0031195		
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....: 0.40		
Antimony	0.39 B	6.0	mg/kg	SW846 6010B	12/19-12/21/00	DRL801AG	
		Dilution Factor: 1		Analysis Time...: 00:37	Analyst ID.....: 0031195		
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....: 0.20		
Barium	154	2.0	mg/kg	SW846 6010B	12/19-12/21/00	DRL801AH	
		Dilution Factor: 1		Analysis Time...: 00:37	Analyst ID.....: 0031195		
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....: 0.10		
Cadmium	0.51	0.50	mg/kg	SW846 6010B	12/19-12/21/00	DRL801AJ	
		Dilution Factor: 1		Analysis Time...: 00:37	Analyst ID.....: 0031195		
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....: 0.050		
Chromium	31.1	1.0	mg/kg	SW846 6010B	12/19-12/21/00	DRL801AK	
		Dilution Factor: 1		Analysis Time...: 00:37	Analyst ID.....: 0031195		
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....: 0.10		
Beryllium	0.93	0.50	mg/kg	SW846 6010B	12/19-12/21/00	DRL801AL	
		Dilution Factor: 1		Analysis Time...: 00:37	Analyst ID.....: 0031195		
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....: 0.050		
Lead	5.4	0.50	mg/kg	SW846 6010B	12/19-12/21/00	DRL801AM	
		Dilution Factor: 1		Analysis Time...: 00:37	Analyst ID.....: 0031195		
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....: 0.30		
Selenium	ND	0.50	mg/kg	SW846 6010B	12/19-12/21/00	DRL801AN	
		Dilution Factor: 1		Analysis Time...: 00:37	Analyst ID.....: 0031195		
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....: 0.40		

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000048

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_292_1

TOTAL Metals

Lot-Sample #....: E0L180216-001

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS			ANALYSIS DATE	ORDER #
Silver	ND	1.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL801AP
		Dilution Factor: 1		Analysis Time...: 00:37		Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....: 0.10	
Cobalt	12.7	5.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL801AQ
		Dilution Factor: 1		Analysis Time...: 00:37		Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....: 0.10	
Copper	15.9	2.5	mg/kg		SW846 6010B	12/19-12/21/00	DRL801AR
		Dilution Factor: 1		Analysis Time...: 00:37		Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....: 0.40	
Molybdenum	1.5 B	4.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL801AT
		Dilution Factor: 1		Analysis Time...: 00:37		Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....: 0.30	
Nickel	20.4	4.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL801AU
		Dilution Factor: 1		Analysis Time...: 00:37		Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....: 0.30	
Thallium	1.2	1.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL801AV
		Dilution Factor: 1		Analysis Time...: 00:37		Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....: 0.50	
Vanadium	59.1	5.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL801AW
		Dilution Factor: 1		Analysis Time...: 00:37		Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....: 0.10	
Zinc	49.7	2.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL801AX
		Dilution Factor: 1		Analysis Time...: 00:37		Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....: 1.0	
Prep Batch #....:	0354422						
Mercury	0.046 B	0.10	mg/kg		SW846 7471A	12/20-12/21/00	DRL801A0
		Dilution Factor: 1		Analysis Time...: 16:23		Analyst ID.....: 0210885	
		Instrument ID...: M04		MS Run #.....: 0354247		MDL.....: 0.020	

NOTE (S) :

B Estimated result. Result is less than RL.

000049

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_292_5

TOTAL Metals

Lot-Sample #....: E0L180216-002 Matrix.....: SOLID
 Date Sampled....: 12/18/00 08:58 Date Received..: 12/18/00 17:25

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....:	0354418					
Aluminum	27600	20.0	mg/kg	SW846 6010B	12/19-12/21/00	DRL811AF
		Dilution Factor: 1		Analysis Time...: 00:45	Analyst ID.....:	003119
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....:	8.0
Arsenic	4.4	1.0	mg/kg	SW846 6010B	12/19-12/21/00	DRL811AG
		Dilution Factor: 1		Analysis Time...: 00:45	Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....:	0.40
Antimony	0.47 B	6.0	mg/kg	SW846 6010B	12/19-12/21/00	DRL811AH
		Dilution Factor: 1		Analysis Time...: 00:45	Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....:	0.20
Barium	294	2.0	mg/kg	SW846 6010B	12/19-12/21/00	DRL811AJ
		Dilution Factor: 1		Analysis Time...: 00:45	Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....:	0.10
Cadmium	0.59	0.50	mg/kg	SW846 6010B	12/19-12/21/00	DRL811AK
		Dilution Factor: 1		Analysis Time...: 00:45	Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....:	0.050
Chromium	29.7	1.0	mg/kg	SW846 6010B	12/19-12/21/00	DRL811AL
		Dilution Factor: 1		Analysis Time...: 00:45	Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....:	0.10
Beryllium	0.74	0.50	mg/kg	SW846 6010B	12/19-12/21/00	DRL811AM
		Dilution Factor: 1		Analysis Time...: 00:45	Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....:	0.050
Lead	4.7	0.50	mg/kg	SW846 6010B	12/19-12/21/00	DRL811AN
		Dilution Factor: 1		Analysis Time...: 00:45	Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....:	0.30
Selenium	ND	0.50	mg/kg	SW846 6010B	12/19-12/21/00	DRL811AP
		Dilution Factor: 1		Analysis Time...: 00:45	Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....:	0.40

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000050

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_292_5

TOTAL Metals

Lot-Sample #....: E0L180216-002

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Silver	ND	1.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL811AQ
		Dilution Factor: 1			Analysis Time..: 00:45		Analyst ID.....: 0031195
		Instrument ID...: M01			MS Run #.....: 0354245		MDL.....: 0.10
Cobalt	8.2	5.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL811AR
		Dilution Factor: 1			Analysis Time..: 00:45		Analyst ID.....: 0031195
		Instrument ID...: M01			MS Run #.....: 0354245		MDL.....: 0.10
Copper	19.4	2.5	mg/kg		SW846 6010B	12/19-12/21/00	DRL811AT
		Dilution Factor: 1			Analysis Time..: 00:45		Analyst ID.....: 0031195
		Instrument ID...: M01			MS Run #.....: 0354245		MDL.....: 0.40
Molybdenum	1.6 B	4.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL811AU
		Dilution Factor: 1			Analysis Time..: 00:45		Analyst ID.....: 0031195
		Instrument ID...: M01			MS Run #.....: 0354245		MDL.....: 0.30
Nickel	20.3	4.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL811AV
		Dilution Factor: 1			Analysis Time..: 00:45		Analyst ID.....: 0031195
		Instrument ID...: M01			MS Run #.....: 0354245		MDL.....: 0.30
Thallium	0.76 B	1.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL811AW
		Dilution Factor: 1			Analysis Time..: 00:45		Analyst ID.....: 0031195
		Instrument ID...: M01			MS Run #.....: 0354245		MDL.....: 0.50
Vanadium	58.6	5.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL811AX
		Dilution Factor: 1			Analysis Time..: 00:45		Analyst ID.....: 0031195
		Instrument ID...: M01			MS Run #.....: 0354245		MDL.....: 0.10
Zinc	56.1	2.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL811A0
		Dilution Factor: 1			Analysis Time..: 00:45		Analyst ID.....: 0031195
		Instrument ID...: M01			MS Run #.....: 0354245		MDL.....: 1.0
Prep Batch #....: 0354422							
Mercury	0.10	0.10	mg/kg		SW846 7471A	12/20-12/21/00	DRL811AA
		Dilution Factor: 1			Analysis Time..: 16:28		Analyst ID.....: 0210885
		Instrument ID...: M04			MS Run #.....: 0354247		MDL.....: 0.020

NOTE(S) :

B Estimated result. Result is less than RL.

000051

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_293_5

TOTAL Metals

Lot-Sample #...: E0L180216-004 **Matrix.....: SOLID**
Date Sampled...: 12/18/00 09:30 **Date Received..: 12/18/00 17:25**

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #...: 0354418							
Aluminum	24700	20.0	mg/kg	SW846 6010B		12/19-12/21/00 DRL831AF	
		Dilution Factor: 1			Analysis Time...: 00:53	Analyst ID.....: 003119	
		Instrument ID...: M01			MS Run #.....: 0354245	MDL.....: 8.0	
Arsenic	4.0	1.0	mg/kg	SW846 6010B		12/19-12/21/00 DRL831AG	
		Dilution Factor: 1			Analysis Time...: 00:53	Analyst ID.....: 0031195	
		Instrument ID...: M01			MS Run #.....: 0354245	MDL.....: 0.40	
Antimony	0.88 B	6.0	mg/kg	SW846 6010B		12/19-12/21/00 DRL831AH	
		Dilution Factor: 1			Analysis Time...: 00:53	Analyst ID.....: 0031195	
		Instrument ID...: M01			MS Run #.....: 0354245	MDL.....: 0.20	
Barium	186	2.0	mg/kg	SW846 6010B		12/19-12/21/00 DRL831AJ	
		Dilution Factor: 1			Analysis Time...: 00:53	Analyst ID.....: 0031195	
		Instrument ID...: M01			MS Run #.....: 0354245	MDL.....: 0.10	
Cadmium	0.57	0.50	mg/kg	SW846 6010B		12/19-12/21/00 DRL831AK	
		Dilution Factor: 1			Analysis Time...: 00:53	Analyst ID.....: 0031195	
		Instrument ID...: M01			MS Run #.....: 0354245	MDL.....: 0.050	
Chromium	29.3	1.0	mg/kg	SW846 6010B		12/19-12/21/00 DRL831AL	
		Dilution Factor: 1			Analysis Time...: 00:53	Analyst ID.....: 0031195	
		Instrument ID...: M01			MS Run #.....: 0354245	MDL.....: 0.10	
Beryllium	0.70	0.50	mg/kg	SW846 6010B		12/19-12/21/00 DRL831AM	
		Dilution Factor: 1			Analysis Time...: 00:53	Analyst ID.....: 0031195	
		Instrument ID...: M01			MS Run #.....: 0354245	MDL.....: 0.050	
Lead	5.9	0.50	mg/kg	SW846 6010B		12/19-12/21/00 DRL831AN	
		Dilution Factor: 1			Analysis Time...: 00:53	Analyst ID.....: 0031195	
		Instrument ID...: M01			MS Run #.....: 0354245	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B		12/19-12/21/00 DRL831AP	
		Dilution Factor: 1			Analysis Time...: 00:53	Analyst ID.....: 0031195	
		Instrument ID...: M01			MS Run #.....: 0354245	MDL.....: 0.40	

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000052

BOE-C6-0171979

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_293_5

TOTAL Metals

Lot-Sample #....: E0L180216-004

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS			ANALYSIS DATE	ORDER #
Silver	ND	1.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL831AQ
		Dilution Factor: 1		Analysis Time...: 00:53		Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....: 0.10	
Cobalt	12.3	5.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL831AR
		Dilution Factor: 1		Analysis Time...: 00:53		Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....: 0.10	
Copper	26.3	2.5	mg/kg		SW846 6010B	12/19-12/21/00	DRL831AT
		Dilution Factor: 1		Analysis Time...: 00:53		Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....: 0.40	
Molybdenum	1.7 B	4.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL831AU
		Dilution Factor: 1		Analysis Time...: 00:53		Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....: 0.30	
Nickel	20.9	4.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL831AV
		Dilution Factor: 1		Analysis Time...: 00:53		Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....: 0.30	
Thallium	ND	1.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL831AW
		Dilution Factor: 1		Analysis Time...: 00:53		Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....: 0.50	
Vanadium	57.2	5.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL831AX
		Dilution Factor: 1		Analysis Time...: 00:53		Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....: 0.10	
Zinc	67.7	2.0	mg/kg		SW846 6010B	12/19-12/21/00	DRL831AO
		Dilution Factor: 1		Analysis Time...: 00:53		Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....: 1.0	
Prep Batch #....: 0354422							
Mercury	0.036 B	0.10	mg/kg		SW846 7471A	12/20-12/21/00	DRL831AA
		Dilution Factor: 1		Analysis Time...: 16:29		Analyst ID.....: 0210885	
		Instrument ID...: M04		MS Run #.....: 0354247		MDL.....: 0.020	

NOTE(S) :

B Estimated result. Result is less than RL.

000053

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_294_5

TOTAL Metals

Lot-Sample #...: E0L180216-006 Matrix.....: SOLID
 Date Sampled...: 12/18/00 09:51 Date Received..: 12/18/00 17:25

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...:	0354418					
Aluminum	22300	20.0	mg/kg	SW846 6010B	12/19-12/21/00	DRL851AF
		Dilution Factor: 1		Analysis Time...: 01:01	Analyst ID.....: 003119	
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....: 8.0	
Arsenic	3.8	1.0	mg/kg	SW846 6010B	12/19-12/21/00	DRL851AG
		Dilution Factor: 1		Analysis Time...: 01:01	Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....: 0.40	
Antimony	0.44 B	6.0	mg/kg	SW846 6010B	12/19-12/21/00	DRL851AH
		Dilution Factor: 1		Analysis Time...: 01:01	Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....: 0.20	
Barium	173	2.0	mg/kg	SW846 6010B	12/19-12/21/00	DRL851AJ
		Dilution Factor: 1		Analysis Time...: 01:01	Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....: 0.10	
Cadmium	0.40 B	0.50	mg/kg	SW846 6010B	12/19-12/21/00	DRL851AK
		Dilution Factor: 1		Analysis Time...: 01:01	Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....: 0.050	
Chromium	23.7	1.0	mg/kg	SW846 6010B	12/19-12/21/00	DRL851AL
		Dilution Factor: 1		Analysis Time...: 01:01	Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....: 0.10	
Beryllium	0.62	0.50	mg/kg	SW846 6010B	12/19-12/21/00	DRL851AM
		Dilution Factor: 1		Analysis Time...: 01:01	Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....: 0.050	
Lead	4.5	0.50	mg/kg	SW846 6010B	12/19-12/21/00	DRL851AN
		Dilution Factor: 1		Analysis Time...: 01:01	Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	12/19-12/21/00	DRL851AP
		Dilution Factor: 1		Analysis Time...: 01:01	Analyst ID.....: 0031195	
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....: 0.40	

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000054

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_294_5

TOTAL Metals

Lot-Sample #....: E0L180216-006

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS			ANALYSIS DATE	ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B		12/19-12/21/00	DRL851AQ
		Dilution Factor: 1		Analysis Time..: 01:01		Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....:	0.10
Cobalt	9.6	5.0	mg/kg	SW846 6010B		12/19-12/21/00	DRL851AR
		Dilution Factor: 1		Analysis Time..: 01:01		Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....:	0.10
Copper	18.7	2.5	mg/kg	SW846 6010B		12/19-12/21/00	DRL851AT
		Dilution Factor: 1		Analysis Time..: 01:01		Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....:	0.40
Molybdenum	1.4 B	4.0	mg/kg	SW846 6010B		12/19-12/21/00	DRL851AU
		Dilution Factor: 1		Analysis Time..: 01:01		Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....:	0.30
Nickel	18.3	4.0	mg/kg	SW846 6010B		12/19-12/21/00	DRL851AV
		Dilution Factor: 1		Analysis Time..: 01:01		Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....:	0.30
Thallium	0.69 B	1.0	mg/kg	SW846 6010B		12/19-12/21/00	DRL851AW
		Dilution Factor: 1		Analysis Time..: 01:01		Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....:	0.50
Vanadium	55.6	5.0	mg/kg	SW846 6010B		12/19-12/21/00	DRL851AX
		Dilution Factor: 1		Analysis Time..: 01:01		Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....:	0.10
Zinc	58.8	2.0	mg/kg	SW846 6010B		12/19-12/21/00	DRL851AO
		Dilution Factor: 1		Analysis Time..: 01:01		Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245		MDL.....:	1.0
Prep Batch #....: 0354422							
Mercury	ND	0.10	mg/kg	SW846 7471A		12/20-12/21/00	DRL851AA
		Dilution Factor: 1		Analysis Time..: 16:31		Analyst ID.....:	0210885
		Instrument ID...: M04		MS Run #.....: 0354247		MDL.....:	0.020

NOTE(S) :

B Estimated result. Result is less than RL.

000055

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_297_5

TOTAL Metals

Lot-Sample #...: E0L180216-008
 Date Sampled...: 12/18/00 10:25 Date Received...: 12/18/00 17:25 Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #...: 0354418						
Aluminum	17600	20.0	mg/kg	SW846 6010B	12/19-12/21/00	DRL881AF
		Dilution Factor: 1		Analysis Time...: 01:10	Analyst ID.....:	003119
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....:	8.0
Arsenic	3.1	1.0	mg/kg	SW846 6010B	12/19-12/21/00	DRL881AG
		Dilution Factor: 1		Analysis Time...: 01:10	Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....:	0.40
Antimony	0.41 B	6.0	mg/kg	SW846 6010B	12/19-12/21/00	DRL881AH
		Dilution Factor: 1		Analysis Time...: 01:10	Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....:	0.20
Barium	115	2.0	mg/kg	SW846 6010B	12/19-12/21/00	DRL881AJ
		Dilution Factor: 1		Analysis Time...: 01:10	Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....:	0.10
Cadmium	0.47 B	0.50	mg/kg	SW846 6010B	12/19-12/21/00	DRL881AK
		Dilution Factor: 1		Analysis Time...: 01:10	Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....:	0.050
Chromium	21.7	1.0	mg/kg	SW846 6010B	12/19-12/21/00	DRL881AL
		Dilution Factor: 1		Analysis Time...: 01:10	Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....:	0.10
Beryllium	0.56	0.50	mg/kg	SW846 6010B	12/19-12/21/00	DRL881AM
		Dilution Factor: 1		Analysis Time...: 01:10	Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....:	0.050
Lead	14.2	0.50	mg/kg	SW846 6010B	12/19-12/21/00	DRL881AN
		Dilution Factor: 1		Analysis Time...: 01:10	Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....:	0.30
Selenium	ND	0.50	mg/kg	SW846 6010B	12/19-12/21/00	DRL881AP
		Dilution Factor: 1		Analysis Time...: 01:10	Analyst ID.....:	0031195
		Instrument ID...: M01		MS Run #.....: 0354245	MDL.....:	0.40

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000056

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_297_5

TOTAL Metals

Lot-Sample #....: EOL180216-008

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Silver	ND	1.0	mg/kg	SW846 6010B		12/19-12/21/00	DRL881AQ
		Dilution Factor: 1		Analysis Time...: 01:10			Analyst ID.....: 0031195
		Instrument ID...: M01		MS Run #.....: 0354245			MDL.....: 0.10
Cobalt	10.8	5.0	mg/kg	SW846 6010B		12/19-12/21/00	DRL881AR
		Dilution Factor: 1		Analysis Time...: 01:10			Analyst ID.....: 0031195
		Instrument ID...: M01		MS Run #.....: 0354245			MDL.....: 0.10
Copper	17.1	2.5	mg/kg	SW846 6010B		12/19-12/21/00	DRL881AT
		Dilution Factor: 1		Analysis Time...: 01:10			Analyst ID.....: 0031195
		Instrument ID...: M01		MS Run #.....: 0354245			MDL.....: 0.40
Molybdenum	1.2 B	4.0	mg/kg	SW846 6010B		12/19-12/21/00	DRL881AU
		Dilution Factor: 1		Analysis Time...: 01:10			Analyst ID.....: 0031195
		Instrument ID...: M01		MS Run #.....: 0354245			MDL.....: 0.30
Nickel	14.7	4.0	mg/kg	SW846 6010B		12/19-12/21/00	DRL881AV
		Dilution Factor: 1		Analysis Time...: 01:10			Analyst ID.....: 0031195
		Instrument ID...: M01		MS Run #.....: 0354245			MDL.....: 0.30
Thallium	ND	1.0	mg/kg	SW846 6010B		12/19-12/21/00	DRL881AW
		Dilution Factor: 1		Analysis Time...: 01:10			Analyst ID.....: 0031195
		Instrument ID...: M01		MS Run #.....: 0354245			MDL.....: 0.50
Vanadium	41.3	5.0	mg/kg	SW846 6010B		12/19-12/21/00	DRL881AX
		Dilution Factor: 1		Analysis Time...: 01:10			Analyst ID.....: 0031195
		Instrument ID...: M01		MS Run #.....: 0354245			MDL.....: 0.10
Zinc	48.0	2.0	mg/kg	SW846 6010B		12/19-12/21/00	DRL881AO
		Dilution Factor: 1		Analysis Time...: 01:10			Analyst ID.....: 0031195
		Instrument ID...: M01		MS Run #.....: 0354245			MDL.....: 1.0
Prep Batch #....:	0354422						
Mercury	0.035 B	0.10	mg/kg	SW846 7471A		12/20-12/21/00	DRL881AA
		Dilution Factor: 1		Analysis Time...: 16:33			Analyst ID.....: 0210885
		Instrument ID...: M04		MS Run #.....: 0354247			MDL.....: 0.020

NOTE(S) :

B Estimated result. Result is less than RL.

000057

QC DATA ASSOCIATION SUMMARY

EOL180216

Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
001	SOLID	SW846 8015B		0354385	0354224
	SOLID	SW846 8015B		0361304	0361167
	SOLID	SW846 7471A		0354422	0354247
	SOLID	SW846 8260B		0359097	0359005
	SOLID	SW846 6010B		0354418	0354245
002	SOLID	SW846 8015B		0354385	0354224
	SOLID	SW846 8015B		0361304	0361167
	SOLID	SW846 7471A		0354422	0354247
	SOLID	SW846 8260B		0359097	0359005
	SOLID	SW846 6010B		0354418	0354245
003	SOLID	SW846 8260B		0359097	0359005
004	SOLID	SW846 8015B		0354385	0354224
	SOLID	SW846 8015B		0361304	0361167
	SOLID	SW846 7471A		0354422	0354247
	SOLID	SW846 8260B		0359097	0359005
	SOLID	SW846 6010B		0354418	0354245
005	SOLID	SW846 8260B		0359097	0359005
006	SOLID	SW846 8015B		0354385	0354224
	SOLID	SW846 8015B		0361304	0361167
	SOLID	SW846 7471A		0354422	0354247
	SOLID	SW846 8260B		0359097	0359005
	SOLID	SW846 6010B		0354418	0354245
007	SOLID	SW846 8260B		0359097	0359005
008	SOLID	SW846 8015B		0354385	0354224
	SOLID	SW846 8015B		0361304	0361167
	SOLID	SW846 7471A		0354422	0354247
	SOLID	SW846 8260B		0359097	0359005
	SOLID	SW846 6010B		0354418	0354245
009	SOLID	SW846 8015B		0354385	0354224
	SOLID	SW846 8015B		0361304	0361167
	SOLID	SW846 8260B		0359097	0359005
010	SOLID	SW846 8015B		0354385	0354224
	SOLID	SW846 8015B		0361304	0361167
	SOLID	SW846 8260B		0359097	0359005

(Continued on next page)

000058

QC DATA ASSOCIATION SUMMARY

EOL180216

Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
011	WATER	SW846 8260B		0358125	0358024
012	WATER	SW846 8260B		0358125	0358024

000059

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #....: EOL180216
MB Lot-Sample #: EOL190000-385
Analysis Date...: 12/21/00
Dilution Factor: 1

Work Order #....: DRN901AA
Prep Date.....: 12/19/00
Prep Batch #: 0354385
Analyst ID.....: 356074

Matrix.....: SOLID
Analysis Time..: 15:35
Instrument ID.: G02

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
C8-C9	ND	10	mg/kg	SW846 8015B
C10-C11	ND	10	mg/kg	SW846 8015B
C12-C13	ND	10	mg/kg	SW846 8015B
C14-C15	ND	10	mg/kg	SW846 8015B
C16-C17	ND	10	mg/kg	SW846 8015B
C18-C19	ND	10	mg/kg	SW846 8015B
C20-C23	ND	10	mg/kg	SW846 8015B
C24-C27	ND	10	mg/kg	SW846 8015B
C28-C31	ND	10	mg/kg	SW846 8015B
C32-C35	ND	10	mg/kg	SW846 8015B
C36-C39	ND	10	mg/kg	SW846 8015B
C40+	ND	10	mg/kg	SW846 8015B
Total Carbon Chain Range	ND	10	mg/kg	SW846 8015B
SURROGATE	PERCENT RECOVERY	RECOVERY		
		LIMITS	(60 - 130)	
Benzo (a) pyrene	87			

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000060

METHOD BLANK REPORT**GC/MS Volatiles**

Client Lot #....: E0L180216
MB Lot-Sample #: E0L230000-125
Analysis Date..: 12/21/00
Dilution Factor: 1

Work Order #....: DR0LG1AA
Prep Date.....: 12/21/00
Prep Batch #....: 0358125
Analyst ID.....: 004648

Matrix.....: WATER
Analysis Time..: 10:01
Instrument ID..: MSC

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	0.50	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	0.50	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B

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000061

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: E0L180216

Work Order #....: DR0LG1AA

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Methylene chloride	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro- benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichlorotrifluoro- ethane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Vinyl acetate	ND	5.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	RECOVERY <u>LIMITS</u>		
		(75 - 120)		
Bromofluorobenzene	96	(65 - 130)		
1,2-Dichloroethane-d4	90	(80 - 130)		
Toluene-d8	106			

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000062

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: E0L180216
 MB Lot-Sample #: E0L240000-097
 Analysis Date...: 12/23/00
 Dilution Factor: 1

Work Order #....: DR0061AA

Matrix.....: SOLID

Prep Date.....: 12/23/00
 Prep Batch #: 0359097

Analysis Time..: 21:28
 Instrument ID.: MSD

Analyst ID.....: 015590

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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000063

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: E0L180216

Work Order #....: DR0061AA

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
1, 2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
1, 1, 1, 2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1, 1, 2, 2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1, 2, 3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1, 3, 5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1, 2, 4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1, 3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1, 4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1, 2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1, 2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1, 2, 4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1, 2, 3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	
Bromofluorobenzene	87	(70 - 130)		
1, 2-Dichloroethane-d4	96	(60 - 140)		
Toluene-d8	94	(70 - 130)		

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000064

METHOD BLANK REPORT

GC Volatiles

Client Lot #....: E0L180216
MB Lot-Sample #: E0L260000-304
Analysis Date..: 12/21/00
Dilution Factor: 1

Work Order #....: DR1G51AA
Prep Date.....: 12/21/00
Prep Batch #....: 0361304
Analyst ID.....: 001464

Matrix.....: SOLID
Analysis Time...: 13:15
Instrument ID..: G15

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
C6-C8	ND	1.0	mg/kg	SW846 8015B
SURROGATE		PERCENT	RECOVERY	
a,a,a-Trifluorotoluene (TFT)		RECOVERY	LIMITS	
		99	(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000065

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: E0L180216

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: E0L190000-418 Prep Batch #....: 0354418						
Aluminum	ND	20.0	mg/kg	SW846 6010B	12/19-12/20/00	DRPE11AA
		Dilution Factor: 1				
		Analysis Time...: 16:41		Analyst ID.....: 003119	Instrument ID...: M01	
Arsenic	ND	1.0	mg/kg	SW846 6010B	12/19-12/20/00	DRPE11AC
		Dilution Factor: 1				
		Analysis Time...: 16:41		Analyst ID.....: 003119	Instrument ID...: M01	
Antimony	0.29 B	6.0	mg/kg	SW846 6010B	12/19-12/20/00	DRPE11AD
		Dilution Factor: 1				
		Analysis Time...: 16:41		Analyst ID.....: 003119	Instrument ID...: M01	
Barium	ND	2.0	mg/kg	SW846 6010B	12/19-12/20/00	DRPE11AE
		Dilution Factor: 1				
		Analysis Time...: 16:41		Analyst ID.....: 003119	Instrument ID...: M01	
Cadmium	ND	0.50	mg/kg	SW846 6010B	12/19-12/20/00	DRPE11AF
		Dilution Factor: 1				
		Analysis Time...: 16:41		Analyst ID.....: 003119	Instrument ID...: M01	
Chromium	0.11 B	1.0	mg/kg	SW846 6010B	12/19-12/20/00	DRPE11AG
		Dilution Factor: 1				
		Analysis Time...: 16:41		Analyst ID.....: 003119	Instrument ID...: M01	
Beryllium	ND	0.50	mg/kg	SW846 6010B	12/19-12/20/00	DRPE11AH
		Dilution Factor: 1				
		Analysis Time...: 16:41		Analyst ID.....: 003119	Instrument ID...: M01	
Lead	ND	0.50	mg/kg	SW846 6010B	12/19-12/20/00	DRPE11AJ
		Dilution Factor: 1				
		Analysis Time...: 16:41		Analyst ID.....: 003119	Instrument ID...: M01	
Selenium	ND	0.50	mg/kg	SW846 6010B	12/19-12/20/00	DRPE11AK
		Dilution Factor: 1				
		Analysis Time...: 16:41		Analyst ID.....: 003119	Instrument ID...: M01	
Silver	ND	1.0	mg/kg	SW846 6010B	12/19-12/20/00	DRPE11AL
		Dilution Factor: 1				
		Analysis Time...: 16:41		Analyst ID.....: 003119	Instrument ID...: M01	
Cobalt	ND	5.0	mg/kg	SW846 6010B	12/19-12/20/00	DRPE11AM
		Dilution Factor: 1				
		Analysis Time...: 16:41		Analyst ID.....: 003119	Instrument ID...: M01	

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000066

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: E0L180216

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Copper	ND	2.5	mg/kg		SW846 6010B	12/19-12/20/00	DRPE11AN
		Dilution Factor: 1					
		Analysis Time...: 16:41			Analyst ID.....: 003119	Instrument ID...: M01	
Molybdenum	ND	4.0	mg/kg		SW846 6010B	12/19-12/20/00	DRPE11AP
		Dilution Factor: 1					
		Analysis Time...: 16:41			Analyst ID.....: 003119	Instrument ID...: M01	
Nickel	ND	4.0	mg/kg		SW846 6010B	12/19-12/20/00	DRPE11AQ
		Dilution Factor: 1					
		Analysis Time...: 16:41			Analyst ID.....: 003119	Instrument ID...: M01	
Thallium	ND	1.0	mg/kg		SW846 6010B	12/19-12/20/00	DRPE11AR
		Dilution Factor: 1					
		Analysis Time...: 16:41			Analyst ID.....: 003119	Instrument ID...: M01	
Vanadium	ND	5.0	mg/kg		SW846 6010B	12/19-12/20/00	DRPE11AT
		Dilution Factor: 1					
		Analysis Time...: 16:41			Analyst ID.....: 003119	Instrument ID...: M01	
Zinc	ND	2.0	mg/kg		SW846 6010B	12/19-12/20/00	DRPE11AU
		Dilution Factor: 1					
		Analysis Time...: 16:41			Analyst ID.....: 003119	Instrument ID...: M01	

MB Lot-Sample #: E0L190000-422 Prep Batch #...: 0354422

Mercury	ND	0.10	mg/kg	SW846 7471A	12/20-12/21/00	DRPFC1AA
		Dilution Factor: 1				
		Analysis Time...: 16:18		Analyst ID.....: 021088	Instrument ID...: M04	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

000067

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: E0L180216 **Work Order #....:** DRN901AC **Matrix.....:** SOLID
LCS Lot-Sample#: E0L190000-385
Prep Date.....: 12/19/00 **Analysis Date...:** 12/21/00
Prep Batch #....: 0354385 **Analysis Time...:** 16:14
Dilution Factor: 1 **Instrument ID...:** G02
Analyst ID.....: 356074

<u>PARAMETER</u>	<u>SPIKE</u> <u>AMOUNT</u>	<u>MEASURED</u> <u>AMOUNT</u>	<u>UNITS</u> <u>mg/kg</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>METHOD</u>
TPH (as Diesel)	250	248		99	SW846 8015B
SURROGATE		PERCENT RECOVERY		RECOVERY LIMITS	
Benzo(a)pyrene		101		(60 - 130)	

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000068

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: E0L180216 **Work Order #....:** DR0LG1AC **Matrix.....:** WATER
LCS Lot-Sample#: E0L230000-125
Prep Date.....: 12/21/00 **Analysis Date...:** 12/21/00
Prep Batch #....: 0358125 **Analysis Time...:** 09:31
Dilution Factor: 1 **Instrument ID...:** MSC
Analyst ID.....: 004648

<u>PARAMETER</u>	SPIKE <u>AMOUNT</u>	MEASURED <u>AMOUNT</u>	UNITS	PERCENT RECOVERY	METHOD
Benzene	10.0	10.1	ug/L	101	SW846 8260B
1,1-Dichloroethene	10.0	9.47	ug/L	95	SW846 8260B
Chlorobenzene	10.0	9.71	ug/L	97	SW846 8260B
Toluene	10.0	10.2	ug/L	102	SW846 8260B
Trichloroethene	10.0	9.16	ug/L	92	SW846 8260B

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
Bromofluorobenzene	100	(75 - 120)
1,2-Dichloroethane-d4	90	(65 - 130)
Toluene-d8	111	(80 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000069

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: E0L180216 Work Order #....: DR0061AC Matrix.....: SOLID
 LCS Lot-Sample#: E0L240000-097
 Prep Date.....: 12/23/00 Analysis Date...: 12/23/00
 Prep Batch #....: 0359097 Analysis Time...: 20:57
 Dilution Factor: 1 Instrument ID...: MSD
 Analyst ID.....: 015590

<u>PARAMETER</u>	SPIKE <u>AMOUNT</u>	MEASURED <u>AMOUNT</u>	UNITS	PERCENT <u>RECOVERY</u>	METHOD
1,1-Dichloroethene	50.0	56.3	ug/kg	113	SW846 8260B
Benzene	50.0	51.2	ug/kg	102	SW846 8260B
Trichloroethene	50.0	57.1	ug/kg	114	SW846 8260B
Toluene	50.0	51.4	ug/kg	103	SW846 8260B
Chlorobenzene	50.0	54.2	ug/kg	108	SW846 8260B

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	104	(60 - 140)
Toluene-d8	99	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000070

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: E0L180216 **Work Order #....:** DR1G51AC **Matrix.....:** SOLID
LCS Lot-Sample#: E0L260000-304
Prep Date.....: 12/21/00 **Analysis Date...:** 12/21/00
Prep Batch #....: 0361304 **Analysis Time...:** 12:49
Dilution Factor: 1 **Instrument ID...:** G15
Analyst ID.....: 001464

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
TPH (as Gasoline)	5.00	4.99	100	SW846 8015B
<u>SURROGATE</u>			<u>PERCENT RECOVERY</u>	
a,a,a-Trifluorotoluene (TFT)		111	LIMITS (60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000071

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E0L180216

Matrix.....: SOLID

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCNT RECVRY</u>	<u>METHOD</u>	<u>PREPARATION-ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#: E0L190000-418 Prep Batch #....: 0354418							
Aluminum	200	190	mg/kg	95	SW846 6010B	12/19-12/20/00	DRPE11AV
			Dilution Factor:	1			
			Analysis Time..:	16:47	Analyst ID.....: 003119	Instrument ID...: M01	
Arsenic	200	183	mg/kg	92	SW846 6010B	12/19-12/20/00	DRPE11AW
			Dilution Factor:	1			
			Analysis Time..:	16:47	Analyst ID.....: 003119	Instrument ID...: M01	
Antimony	50.0	44.7	mg/kg	89	SW846 6010B	12/19-12/20/00	DRPE11AX
			Dilution Factor:	1			
			Analysis Time..:	16:47	Analyst ID.....: 003119	Instrument ID...: M01	
Barium	200	203	mg/kg	101	SW846 6010B	12/19-12/20/00	DRPE11A0
			Dilution Factor:	1			
			Analysis Time..:	16:47	Analyst ID.....: 003119	Instrument ID...: M01	
Cadmium	5.00	5.08	mg/kg	102	SW846 6010B	12/19-12/20/00	DRPE11A1
			Dilution Factor:	1			
			Analysis Time..:	16:47	Analyst ID.....: 003119	Instrument ID...: M01	
Chromium	20.0	20.7	mg/kg	103	SW846 6010B	12/19-12/20/00	DRPE11A2
			Dilution Factor:	1			
			Analysis Time..:	16:47	Analyst ID.....: 003119	Instrument ID...: M01	
Beryllium	5.00	4.90	mg/kg	98	SW846 6010B	12/19-12/20/00	DRPE11A3
			Dilution Factor:	1			
			Analysis Time..:	16:47	Analyst ID.....: 003119	Instrument ID...: M01	
Lead	50.0	49.5	mg/kg	99	SW846 6010B	12/19-12/20/00	DRPE11A4
			Dilution Factor:	1			
			Analysis Time..:	16:47	Analyst ID.....: 003119	Instrument ID...: M01	
Selenium	200	181	mg/kg	91	SW846 6010B	12/19-12/20/00	DRPE11A5
			Dilution Factor:	1			
			Analysis Time..:	16:47	Analyst ID.....: 003119	Instrument ID...: M01	
Silver	5.00	4.95	mg/kg	99	SW846 6010B	12/19-12/20/00	DRPE11A6
			Dilution Factor:	1			
			Analysis Time..:	16:47	Analyst ID.....: 003119	Instrument ID...: M01	

(Continued on next page)

000072

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E0L180216

Matrix.....: SOLID

PARAMETER	SPIKE	MEASURED	UNITS	PERCNT		METHOD	PREPARATION-	WORK
	AMOUNT	AMOUNT		RECVRY	ANALYSIS DATE		ORDER #	
Cobalt	50.0	52.7	mg/kg	105	SW846	6010B	12/19-12/20/00	DRPE11A7
			Dilution Factor: 1					
			Analysis Time...: 16:47			Analyst ID.....: 003119		Instrument ID..: M01
Copper	25.0	25.6	mg/kg	102	SW846	6010B	12/19-12/20/00	DRPE11A8
			Dilution Factor: 1					
			Analysis Time...: 16:47			Analyst ID.....: 003119		Instrument ID..: M01
Molybdenum	100	96.1	mg/kg	96	SW846	6010B	12/19-12/20/00	DRPE11A9
			Dilution Factor: 1					
			Analysis Time...: 16:47			Analyst ID.....: 003119		Instrument ID..: M01
Nickel	50.0	52.2	mg/kg	104	SW846	6010B	12/19-12/20/00	DRPE11CA
			Dilution Factor: 1					
			Analysis Time...: 16:47			Analyst ID.....: 003119		Instrument ID..: M01
Thallium	200	198	mg/kg	99	SW846	6010B	12/19-12/20/00	DRPE11CC
			Dilution Factor: 1					
			Analysis Time...: 16:47			Analyst ID.....: 003119		Instrument ID..: M01
Vanadium	50.0	49.6	mg/kg	99	SW846	6010B	12/19-12/20/00	DRPE11CD
			Dilution Factor: 1					
			Analysis Time...: 16:47			Analyst ID.....: 003119		Instrument ID..: M01
Zinc	50.0	48.7	mg/kg	97	SW846	6010B	12/19-12/20/00	DRPE11CE
			Dilution Factor: 1					
			Analysis Time...: 16:47			Analyst ID.....: 003119		Instrument ID..: M01
LCS Lot-Sample#: E0L190000-422 Prep Batch #....: 0354422								
Mercury	0.833	0.787	mg/kg	94	SW846	7471A	12/20-12/21/00	DRPFC1AC
			Dilution Factor: 1					
			Analysis Time...: 16:21			Analyst ID.....: 021088		Instrument ID..: M04

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000073

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: E0L180216 Work Order #....: DRN901AC Matrix.....: SOLID
LCS Lot-Sample#: E0L190000-385
Prep Date.....: 12/19/00 Analysis Date...: 12/21/00
Prep Batch #....: 0354385 Analysis Time...: 16:14
Dilution Factor: 1 Instrument ID...: G02
Analyst ID.....: 356074

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Diesel)	99	(60 - 130)	SW846 8015B
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS	
Benzo(a)pyrene	101	(60 - 130)	

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000074

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E0L180216 Work Order #....: DR0LG1AC Matrix.....: WATER
 LCS Lot-Sample#: E0L230000-125
 Prep Date.....: 12/21/00 Analysis Date...: 12/21/00
 Prep Batch #....: 0358125 Analysis Time...: 09:31
 Dilution Factor: 1 Instrument ID...: MSC
 Analyst ID.....: 004648

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>METHOD</u>
<u>RECOVERY</u>	<u>LIMITS</u>		
Benzene	101	(75 - 120)	SW846 8260B
1,1-Dichloroethene	95	(70 - 130)	SW846 8260B
Chlorobenzene	97	(80 - 120)	SW846 8260B
Toluene	102	(80 - 120)	SW846 8260B
Trichloroethene	92	(75 - 130)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
<u>RECOVERY</u>	<u>LIMITS</u>	
Bromofluorobenzene	100	(75 - 120)
1,2-Dichloroethane-d4	90	(65 - 130)
Toluene-d8	111	(80 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000075

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E0L180216 **Work Order #....:** DR0061AC **Matrix.....:** SOLID
LCS Lot-Sample#: E0L240000-097
Prep Date.....: 12/23/00 **Analysis Date...:** 12/23/00
Prep Batch #....: 0359097 **Analysis Time..:** 20:57
Dilution Factor: 1 **Instrument ID...:** MSD
Analyst ID.....: 015590

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>METHOD</u>
<u>RECOVERY</u>	<u>LIMITS</u>		
1,1-Dichloroethene	113	(60 - 150)	SW846 8260B
Benzene	102	(70 - 140)	SW846 8260B
Trichloroethene	114	(70 - 130)	SW846 8260B
Toluene	103	(70 - 130)	SW846 8260B
Chlorobenzene	108	(70 - 130)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
<u>RECOVERY</u>	<u>LIMITS</u>	
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	104	(60 - 140)
Toluene-d8	99	(70 - 130)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000076

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #....: E0L180216 Work Order #....: DR1G51AC Matrix.....: SOLID
LCS Lot-Sample#: E0L260000-304
Prep Date.....: 12/21/00 Analysis Date...: 12/21/00
Prep Batch #....: 0361304 Analysis Time...: 12:49
Dilution Factor: 1 Instrument ID...: G15
Analyst ID.....: 001464

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Gasoline)	100	(80 - 140)	SW846 8015B
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS	
a,a,a-Trifluorotoluene (TFT)	111	(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000077

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E0L180216

Matrix.....: SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION-</u>	<u>ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#:	E0L190000-418	Prep Batch #....:	0354418			
Aluminum	95	(80 - 120)	SW846 6010B	12/19-12/20/00	DRPE11AV	
		Dilution Factor: 1				
		Analysis Time...: 16:47		Analyst ID.....:	003119	Instrument ID...: M01
Arsenic	92	(75 - 115)	SW846 6010B	12/19-12/20/00	DRPE11AW	
		Dilution Factor: 1				
		Analysis Time...: 16:47		Analyst ID.....:	003119	Instrument ID...: M01
Antimony	89	(75 - 115)	SW846 6010B	12/19-12/20/00	DRPE11AX	
		Dilution Factor: 1				
		Analysis Time...: 16:47		Analyst ID.....:	003119	Instrument ID...: M01
Barium	101	(80 - 120)	SW846 6010B	12/19-12/20/00	DRPE11A0	
		Dilution Factor: 1				
		Analysis Time...: 16:47		Analyst ID.....:	003119	Instrument ID...: M01
Cadmium	102	(80 - 120)	SW846 6010B	12/19-12/20/00	DRPE11A1	
		Dilution Factor: 1				
		Analysis Time...: 16:47		Analyst ID.....:	003119	Instrument ID...: M01
Chromium	103	(85 - 120)	SW846 6010B	12/19-12/20/00	DRPE11A2	
		Dilution Factor: 1				
		Analysis Time...: 16:47		Analyst ID.....:	003119	Instrument ID...: M01
Beryllium	98	(80 - 120)	SW846 6010B	12/19-12/20/00	DRPE11A3	
		Dilution Factor: 1				
		Analysis Time...: 16:47		Analyst ID.....:	003119	Instrument ID...: M01
Lead	99	(80 - 120)	SW846 6010B	12/19-12/20/00	DRPE11A4	
		Dilution Factor: 1				
		Analysis Time...: 16:47		Analyst ID.....:	003119	Instrument ID...: M01
Selenium	91	(70 - 115)	SW846 6010B	12/19-12/20/00	DRPE11A5	
		Dilution Factor: 1				
		Analysis Time...: 16:47		Analyst ID.....:	003119	Instrument ID...: M01
Silver	99	(80 - 120)	SW846 6010B	12/19-12/20/00	DRPE11A6	
		Dilution Factor: 1				
		Analysis Time...: 16:47		Analyst ID.....:	003119	Instrument ID...: M01

(Continued on next page)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0L180216

Matrix.....: SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION-</u>	<u>ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Cobalt	105	(80 - 120)	SW846 6010B	Dilution Factor: 1	12/19-12/20/00	DRPE11A7
				Analysis Time...: 16:47	Analyst ID.....: 003119	Instrument ID...: M01
Copper	102	(80 - 120)	SW846 6010B	Dilution Factor: 1	12/19-12/20/00	DRPE11A8
				Analysis Time...: 16:47	Analyst ID.....: 003119	Instrument ID...: M01
Molybdenum	96	(80 - 120)	SW846 6010B	Dilution Factor: 1	12/19-12/20/00	DRPE11A9
				Analysis Time...: 16:47	Analyst ID.....: 003119	Instrument ID...: M01
Nickel	104	(80 - 120)	SW846 6010B	Dilution Factor: 1	12/19-12/20/00	DRPE11CA
				Analysis Time...: 16:47	Analyst ID.....: 003119	Instrument ID...: M01
Thallium	99	(75 - 120)	SW846 6010B	Dilution Factor: 1	12/19-12/20/00	DRPE11CC
				Analysis Time...: 16:47	Analyst ID.....: 003119	Instrument ID...: M01
Vanadium	99	(80 - 120)	SW846 6010B	Dilution Factor: 1	12/19-12/20/00	DRPE11CD
				Analysis Time...: 16:47	Analyst ID.....: 003119	Instrument ID...: M01
Zinc	97	(80 - 120)	SW846 6010B	Dilution Factor: 1	12/19-12/20/00	DRPE11CE
				Analysis Time...: 16:47	Analyst ID.....: 003119	Instrument ID...: M01
LCS Lot-Sample#:	E0L190000-422	Prep Batch #...:	0354422			
Mercury	94	(85 - 115)	SW846 7471A	Dilution Factor: 1	12/20-12/21/00	DRPFC1AC
				Analysis Time...: 16:21	Analyst ID.....: 021088	Instrument ID...: M04

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000079

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: E0L180216 **Work Order #....:** DRF7G1A1-MS **Matrix.....:** WATER
MS Lot-Sample #: E0L140365-002 DRF7G1A2-MSD
Date Sampled....: 12/14/00 13:20 **Date Received...:** 12/14/00 18:08 **MS Run #.....:** 0358024
Prep Date.....: 12/21/00 **Analysis Date...:** 12/21/00
Prep Batch #....: 0358125 **Analysis Time...:** 19:03
Dilution Factor: 1 **Analyst ID.....:** 004648 **Instrument ID..:** MSC

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCENT		
	AMOUNT	AMT	AMOUNT		RECOVERY	RPD	METHOD
Benzene	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	10.1	ug/L	101	5.0	SW846 8260B
1,1-Dichloroethene	1.5	10.0	11.3	ug/L	98		SW846 8260B
	1.5	10.0	10.5	ug/L	90	7.7	SW846 8260B
Chlorobenzene	ND	10.0	9.67	ug/L	97		SW846 8260B
	ND	10.0	9.39	ug/L	94	2.9	SW846 8260B
Toluene	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	9.87	ug/L	99	3.8	SW846 8260B
Trichloroethene	4.8	10.0	13.6	ug/L	89		SW846 8260B
	4.8	10.0	13.1	ug/L	83	4.3	SW846 8260B

SURROGATE	PERCENT		RECOVERY
	RECOVERY	LIMITS	
Bromofluorobenzene	99	(75 - 120)	
	97	(75 - 120)	
1,2-Dichloroethane-d4	93	(65 - 130)	
	90	(65 - 130)	
Toluene-d8	108	(80 - 130)	
	104	(80 - 130)	

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000080

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: E0L180216 Work Order #....: DRKFL1AE-MS Matrix.....: SOLID
 MS Lot-Sample #: E0L160148-023 DRKFL1AF-MSD
 Date Sampled....: 12/15/00 14:15 Date Received...: 12/15/00 17:50 MS Run #.....: 0359005
 Prep Date.....: 12/23/00 Analysis Date...: 12/23/00
 Prep Batch #:....: 0359097 Analysis Time...: 23:33
 Dilution Factor: 1 Analyst ID.....: 015590 Instrument ID...: MSD

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCENT		
	AMOUNT	AMT	AMOUNT		RECOVERY	RPD	METHOD
1, 1-Dichloroethene	ND	50.0	48.4	ug/kg	97		SW846 8260B
	ND	50.0	48.9	ug/kg	98	1.1	SW846 8260B
Benzene	ND	50.0	46.1	ug/kg	92		SW846 8260B
	ND	50.0	45.2	ug/kg	90	2.0	SW846 8260B
Trichloroethene	ND	50.0	50.8	ug/kg	102		SW846 8260B
	ND	50.0	50.8	ug/kg	102	0.05	SW846 8260B
Toluene	ND	50.0	45.7	ug/kg	91		SW846 8260B
	ND	50.0	45.8	ug/kg	92	0.28	SW846 8260B
Chlorobenzene	ND	50.0	47.8	ug/kg	96		SW846 8260B
	ND	50.0	48.0	ug/kg	96	0.33	SW846 8260B

SURROGATE	PERCENT		LIMITS
	RECOVERY	RECOVERY	
Bromofluorobenzene	80		(70 - 130)
	81		(70 - 130)
1, 2-Dichloroethane-d4	99		(60 - 140)
	99		(60 - 140)
Toluene-d8	89		(70 - 130)
	90		(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000081

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E0L180216 **Matrix.....:** SOLID
Date Sampled....: 12/15/00 10:00 **Date Received..:** 12/15/00 17:50

<u>PARAMETER</u>	<u>SAMPLE AMOUNT</u>	<u>SPIKE AMT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCNT RECVRY</u>	<u>RPD</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
MS Lot-Sample #: E0L160151-001 Prep Batch #....: 0354418									
Aluminum									
23600	200	26300	NC	mg/kg			SW846 6010B	12/19-12/20/00	DRKFX1AX
23600	200	24800	NC	mg/kg			SW846 6010B	12/19-12/20/00	DRKFX1A0
			Dilution Factor:	1					
			Analysis Time...:	17:20			Instrument ID...: M01		Analyst ID.....: 003119
			MS Run #.....:	0354245					
Arsenic									
3.8	200	184		mg/kg	90		SW846 6010B	12/19-12/20/00	DRKFX1A1
3.8	200	178		mg/kg	87	3.4	SW846 6010B	12/19-12/20/00	DRKFX1A2
			Dilution Factor:	1					
			Analysis Time...:	17:20			Instrument ID...: M01		Analyst ID.....: 003119
			MS Run #.....:	0354245					
Antimony									
0.48	50.0	18.5	N	mg/kg	36		SW846 6010B	12/19-12/20/00	DRKFX1A3
0.48	50.0	19.0	N	mg/kg	37	2.6	SW846 6010B	12/19-12/20/00	DRKFX1A4
			Dilution Factor:	1					
			Analysis Time...:	17:20			Instrument ID...: M01		Analyst ID.....: 003119
			MS Run #.....:	0354245					
Barium									
141	200	339		mg/kg	99		SW846 6010B	12/19-12/20/00	DRKFX1A5
141	200	343		mg/kg	101	1.2	SW846 6010B	12/19-12/20/00	DRKFX1A6
			Dilution Factor:	1					
			Analysis Time...:	17:20			Instrument ID...: M01		Analyst ID.....: 003119
			MS Run #.....:	0354245					
Cadmium									
0.40	5.00	5.26		mg/kg	97		SW846 6010B	12/19-12/20/00	DRKFX1A7
0.40	5.00	5.07		mg/kg	93	3.6	SW846 6010B	12/19-12/20/00	DRKFX1A8
			Dilution Factor:	1					
			Analysis Time...:	17:20			Instrument ID...: M01		Analyst ID.....: 003119
			MS Run #.....:	0354245					
Chromium									
25.3	20.0	45.9		mg/kg	103		SW846 6010B	12/19-12/20/00	DRKFX1A9
25.3	20.0	44.4		mg/kg	95	3.4	SW846 6010B	12/19-12/20/00	DRKFX1CA
			Dilution Factor:	1					
			Analysis Time...:	17:20			Instrument ID...: M01		Analyst ID.....: 003119
			MS Run #.....:	0354245					

(Continued on next page)

000082

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E0L180216

Matrix.....: SOLID

Date Sampled...: 12/15/00 10:00 Date Received..: 12/15/00 17:50

<u>PARAMETER</u>	<u>SAMPLE AMOUNT</u>	<u>SPIKE AMT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCNT RECVRY</u>	<u>RPD</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Beryllium									
	0.63	5.00	5.61	mg/kg	100		SW846 6010B	12/19-12/20/00	DRKFX1CC
	0.63	5.00	5.38	mg/kg	95	4.1	SW846 6010B	12/19-12/20/00	DRKFX1CD
Dilution Factor: 1									
Analysis Time...: 17:20 Instrument ID...: M01 Analyst ID.....: 003119									
MS Run #.....: 0354245									
Lead									
	4.4	50.0	52.4	mg/kg	96		SW846 6010B	12/19-12/20/00	DRKFX1CE
	4.4	50.0	50.3	mg/kg	92	4.2	SW846 6010B	12/19-12/20/00	DRKFX1CF
Dilution Factor: 1									
Analysis Time...: 17:20 Instrument ID...: M01 Analyst ID.....: 003119									
MS Run #.....: 0354245									
Selenium									
	ND	200	181	mg/kg	90		SW846 6010B	12/19-12/20/00	DRKFX1CG
	ND	200	174	mg/kg	87	4.1	SW846 6010B	12/19-12/20/00	DRKFX1CH
Dilution Factor: 1									
Analysis Time...: 17:20 Instrument ID...: M01 Analyst ID.....: 003119									
MS Run #.....: 0354245									
Silver									
	ND	5.00	4.59	mg/kg	92		SW846 6010B	12/19-12/20/00	DRKFX1CJ
	ND	5.00	4.40	mg/kg	88	4.4	SW846 6010B	12/19-12/20/00	DRKFX1CK
Dilution Factor: 1									
Analysis Time...: 17:20 Instrument ID...: M01 Analyst ID.....: 003119									
MS Run #.....: 0354245									
Cobalt									
	9.3	50.0	60.4	mg/kg	102		SW846 6010B	12/19-12/20/00	DRKFX1CL
	9.3	50.0	59.2	mg/kg	100	2.1	SW846 6010B	12/19-12/20/00	DRKFX1CM
Dilution Factor: 1									
Analysis Time...: 17:20 Instrument ID...: M01 Analyst ID.....: 3119									
MS Run #.....: 0354245									
Copper									
	34.7	25.0	63.1	mg/kg	114		SW846 6010B	12/19-12/20/00	DRKFX1CN
	34.7	25.0	52.2 N	mg/kg	70	19	SW846 6010B	12/19-12/20/00	DRKFX1CP
Dilution Factor: 1									
Analysis Time...: 17:20 Instrument ID...: M01 Analyst ID.....: 003119									
MS Run #.....: 0354245									
Molybdenum									
	1.3	100	93.6	mg/kg	92		SW846 6010B	12/19-12/20/00	DRKFX1CQ
	1.3	100	90.5	mg/kg	89	3.3	SW846 6010B	12/19-12/20/00	DRKFX1CR
Dilution Factor: 1									
Analysis Time...: 17:20 Instrument ID...: M01 Analyst ID.....: 003119									
MS Run #.....: 0354245									

000083

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E0L180216

Matrix.....: SOLID

Date Sampled...: 12/15/00 10:00 **Date Received..:** 12/15/00 17:50

PARAMETER	SAMPLE	SPIKE	MEASURED	UNITS	PERCNT		METHOD	PREPARATION-	WORK	ORDER #
	AMOUNT	AMT	AMOUNT		RECVRY	RPD		ANALYSIS DATE		
Nickel										
	16.0	50.0	65.7	mg/kg	99		SW846	6010B	12/19-12/20/00	DRKFX1CT
	16.0	50.0	64.3	mg/kg	97	2.1	SW846	6010B	12/19-12/20/00	DRKFX1CU
	Dilution Factor: 1									
	Analysis Time...: 17:20									
	Instrument ID...: M01									
	MS Run #.....: 0354245									
Thallium										
	0.85	200	195	mg/kg	97		SW846	6010B	12/19-12/20/00	DRKFX1CV
	0.85	200	187	mg/kg	93	4.0	SW846	6010B	12/19-12/20/00	DRKFX1CW
	Dilution Factor: 1									
	Analysis Time...: 17:20									
	Instrument ID...: M01									
	MS Run #.....: 0354245									
Vanadium										
	52.1	50.0	102	mg/kg	99		SW846	6010B	12/19-12/20/00	DRKFX1CX
	52.1	50.0	101	mg/kg	99	0.27	SW846	6010B	12/19-12/20/00	DRKFX1C0
	Dilution Factor: 1									
	Analysis Time...: 17:20									
	Instrument ID...: M01									
	MS Run #.....: 0354245									
Zinc										
	74.5	50.0	122	mg/kg	95		SW846	6010B	12/19-12/20/00	DRKFX1C1
	74.5	50.0	117	mg/kg	86	4.0	SW846	6010B	12/19-12/20/00	DRKFX1C2
	Dilution Factor: 1									
	Analysis Time...: 17:20									
	Instrument ID...: M01									
	MS Run #.....: 0354245									

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

000084

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E0L180216 Matrix.....: SOLID
Date Sampled...: 12/18/00 08:50 Date Received...: 12/18/00 17:25

SAMPLE PARAMETER	SPIKE AMOUNT	MEASURED AMT	PERCNT RECVRY	PREPARATION- ANALYSIS	WORK ORDER #
---------------------	-----------------	-----------------	------------------	--------------------------	-----------------

MS Lot-Sample #: E0L180216-001 Prep Batch #....: 0354422

Mercury

0.046	0.167	0.200	mg/kg	92	SW846	7471A	12/20-12/21/00	DRL801A3
0.046	0.167	0.212	mg/kg	99	5.7	SW846	7471A	12/20-12/21/00 DRL801A4

Dilution Factor: 1

Analysis Time...: 16:24 Instrument ID...: M04 Analyst ID.....: 021088

MS Run #.....: 0354247

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000085

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: E0L180216 Work Order #....: DRL801A1-MS Matrix.....: SOLID
 MS Lot-Sample #: E0L180216-001 DRL801A2-MSD
 Date Sampled....: 12/18/00 08:50 Date Received...: 12/18/00 17:25 MS Run #.....: 0354224
 Prep Date.....: 12/19/00 Analysis Date...: 12/21/00
 Prep Batch #:....: 0354385 Analysis Time...: 17:32
 Dilution Factor: 1 Analyst ID.....: 356074 Instrument ID.: G02

PARAMETER	SAMPLE	SPIKE	MEASRD	PERCENT			METHOD
	AMOUNT	AMT	AMOUNT	UNITS	RECOVERY	RPD	
TPH (as Diesel)	250	225		mg/kg	90		SW846 8015B
	250	196		mg/kg	78	14	SW846 8015B
<u>SURROGATE</u>			PERCENT			RECOVERY	
Benzo(a)pyrene			RECOVERY			LIMITS	
			91			(60 - 130)	
			79			(60 - 130)	

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000086

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: E0L180216 **Work Order #....:** DRPJ41A1-MS **Matrix.....:** SOLID
MS Lot-Sample #: E0L190280-006 DRPJ41A2-MSD
Date Sampled....: 12/19/00 10:32 **Date Received...:** 12/19/00 18:10 **MS Run #.....:** 0361167
Prep Date.....: 12/21/00 **Analysis Date...:** 12/21/00
Prep Batch #....: 0361304 **Analysis Time...:** 23:27
Dilution Factor: 1 **Analyst ID.....:** 001464 **Instrument ID..:** G15

PARAMETER	SAMPLE	SPIKE	MEASRD	PERCENT			METHOD
	AMOUNT	AMT	AMOUNT	UNITS	RECOVERY	RPD	
TPH (as Gasoline)					113		SW846 8015B
	5.00	5.65		mg/kg	120	5.7	SW846 8015B
	5.00	5.99		mg/kg			
SURROGATE				PERCENT	RECOVERY		
a,a,a-Trifluorotoluene				RECOVERY	LIMITS		
(TFT)			124		(60 - 130)		
			132 *		(60 - 130)		

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

000087

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E0L180216 **Work Order #....:** DRF7G1A1-MS **Matrix.....:** WATER
MS Lot-Sample #: E0L140365-002 DRF7G1A2-MSD
Date Sampled....: 12/14/00 13:20 **Date Received...:** 12/14/00 18:08 **MS Run #.....:** 0358024
Prep Date.....: 12/21/00 **Analysis Date...:** 12/21/00
Prep Batch #....: 0358125 **Analysis Time...:** 19:03
Dilution Factor: 1 **Analyst ID.....:** 004648 **Instrument ID..:** MSC

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>RPD</u>	<u>RPD</u>	<u>METHOD</u>
	<u>RECOVERY</u>	<u>LIMITS</u>		<u>LIMITS</u>	
Benzene	106	(75 - 120)			SW846 8260B
	101	(75 - 120)	5.0	(0-25)	SW846 8260B
1,1-Dichloroethene	98	(70 - 130)			SW846 8260B
	90	(70 - 130)	7.7	(0-25)	SW846 8260B
Chlorobenzene	97	(80 - 120)			SW846 8260B
	94	(80 - 120)	2.9	(0-25)	SW846 8260B
Toluene	102	(80 - 120)			SW846 8260B
	99	(80 - 120)	3.8	(0-25)	SW846 8260B
Trichloroethene	89	(75 - 130)			SW846 8260B
	83	(75 - 130)	4.3	(0-25)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	
Bromofluorobenzene	99		(75 - 120)
	97		(75 - 120)
1,2-Dichloroethane-d4	93		(65 - 130)
	90		(65 - 130)
Toluene-d8	108		(80 - 130)
	104		(80 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000088

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E0L180216 **Work Order #....:** DRKFL1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: E0L160148-023 DRKFL1AF-MSD
Date Sampled....: 12/15/00 14:15 **Date Received...:** 12/15/00 17:50 **MS Run #.....:** 0359005
Prep Date.....: 12/23/00 **Analysis Date...:** 12/23/00
Prep Batch #....: 0359097 **Analysis Time...:** 23:33
Dilution Factor: 1 **Analyst ID.....:** 015590 **Instrument ID..:** MSD

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>RPD</u>	<u>RPD</u>	<u>METHOD</u>
	<u>RECOVERY</u>	<u>LIMITS</u>		<u>LIMITS</u>	
1,1-Dichloroethene	97	(60 - 150)			SW846 8260B
	98	(60 - 150)	1.1	(0-30)	SW846 8260B
Benzene	92	(70 - 140)			SW846 8260B
	90	(70 - 140)	2.0	(0-30)	SW846 8260B
Trichloroethene	102	(70 - 130)			SW846 8260B
	102	(70 - 130)	0.05	(0-30)	SW846 8260B
Toluene	91	(70 - 130)			SW846 8260B
	92	(70 - 130)	0.28	(0-30)	SW846 8260B
Chlorobenzene	96	(70 - 130)			SW846 8260B
	96	(70 - 130)	0.33	(0-30)	SW846 8260B
<hr/>					
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>		<u>RECOVERY</u>	
	<u>RECOVERY</u>	<u>LIMITS</u>			
Bromofluorobenzene	80	(70 - 130)			
	81	(70 - 130)			
1,2-Dichloroethane-d4	99	(60 - 140)			
	99	(60 - 140)			
Toluene-d8	89	(70 - 130)			
	90	(70 - 130)			

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000089

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E0L180216

Matrix.....: SOLID

Date Sampled....: 12/15/00 10:00 **Date Received...:** 12/15/00 17:50

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
MS Lot-Sample #: E0L160151-001 Prep Batch #....: 0354418							
Aluminum	NC	(80 - 120)		SW846 6010B		12/19-12/20/00	DRKFX1AX
	NC	(80 - 120)	(0-25)	SW846 6010B		12/19-12/20/00	DRKFX1A0
		Dilution Factor: 1					
		Analysis Time...: 17:20		Instrument ID...: M01			Analyst ID.....: 003119
		MS Run #.....: 0354245					
Arsenic	90	(75 - 115)		SW846 6010B		12/19-12/20/00	DRKFX1A1
	87	(75 - 115) 3.4	(0-25)	SW846 6010B		12/19-12/20/00	DRKFX1A2
		Dilution Factor: 1					
		Analysis Time...: 17:20		Instrument ID...: M01			Analyst ID.....: 003119
		MS Run #.....: 0354245					
Antimony	36 N	(75 - 115)		SW846 6010B		12/19-12/20/00	DRKFX1A3
	37 N	(75 - 115) 2.6	(0-25)	SW846 6010B		12/19-12/20/00	DRKFX1A4
		Dilution Factor: 1					
		Analysis Time...: 17:20		Instrument ID...: M01			Analyst ID.....: 003119
		MS Run #.....: 0354245					
Barium	99	(80 - 120)		SW846 6010B		12/19-12/20/00	DRKFX1A5
	101	(80 - 120) 1.2	(0-25)	SW846 6010B		12/19-12/20/00	DRKFX1A6
		Dilution Factor: 1					
		Analysis Time...: 17:20		Instrument ID...: M01			Analyst ID.....: 003119
		MS Run #.....: 0354245					
Cadmium	97	(80 - 120)		SW846 6010B		12/19-12/20/00	DRKFX1A7
	93	(80 - 120) 3.6	(0-25)	SW846 6010B		12/19-12/20/00	DRKFX1A8
		Dilution Factor: 1					
		Analysis Time...: 17:20		Instrument ID...: M01			Analyst ID.....: 003119
		MS Run #.....: 0354245					
Chromium	103	(85 - 120)		SW846 6010B		12/19-12/20/00	DRKFX1A9
	95	(85 - 120) 3.4	(0-25)	SW846 6010B		12/19-12/20/00	DRKFX1CA
		Dilution Factor: 1					
		Analysis Time...: 17:20		Instrument ID...: M01			Analyst ID.....: 003119
		MS Run #.....: 0354245					
Beryllium	100	(80 - 120)		SW846 6010B		12/19-12/20/00	DRKFX1CC
	95	(80 - 120) 4.1	(0-25)	SW846 6010B		12/19-12/20/00	DRKFX1CD
		Dilution Factor: 1					
		Analysis Time...: 17:20		Instrument ID...: M01			Analyst ID.....: 003119
		MS Run #.....: 0354245					

(Continued on next page)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E0L180216

Matrix.....: SOLID

Date Sampled...: 12/15/00 10:00 **Date Received..:** 12/15/00 17:50

PARAMETER	PERCENT	RECOVERY	RPD	METHOD	PREPARATION-	WORK
	RECOVERY	LIMITS	RPD		ANALYSIS DATE	ORDER #
Lead	96	(80 - 120)		SW846 6010B	12/19-12/20/00	DRKFX1CE
	92	(80 - 120) 4.2 (0-25)		SW846 6010B	12/19-12/20/00	DRKFX1CF
		Dilution Factor: 1				
		Analysis Time...: 17:20		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0354245				
Selenium	90	(70 - 115)		SW846 6010B	12/19-12/20/00	DRKFX1CG
	87	(70 - 115) 4.1 (0-25)		SW846 6010B	12/19-12/20/00	DRKFX1CH
		Dilution Factor: 1				
		Analysis Time...: 17:20		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0354245				
Silver	92	(80 - 120)		SW846 6010B	12/19-12/20/00	DRKFX1CJ
	88	(80 - 120) 4.4 (0-25)		SW846 6010B	12/19-12/20/00	DRKFX1CK
		Dilution Factor: 1				
		Analysis Time...: 17:20		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0354245				
Cobalt	102	(80 - 120)		SW846 6010B	12/19-12/20/00	DRKFX1CL
	100	(80 - 120) 2.1 (0-25)		SW846 6010B	12/19-12/20/00	DRKFX1CM
		Dilution Factor: 1				
		Analysis Time...: 17:20		Instrument ID...: M01		Analyst ID.....: 3119
		MS Run #.....: 0354245				
Copper	114	(80 - 120)		SW846 6010B	12/19-12/20/00	DRKFX1CN
	70 N	(80 - 120) 19 (0-25)		SW846 6010B	12/19-12/20/00	DRKFX1CP
		Dilution Factor: 1				
		Analysis Time...: 17:20		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0354245				
Molybdenum	92	(80 - 120)		SW846 6010B	12/19-12/20/00	DRKFX1CQ
	89	(80 - 120) 3.3 (0-25)		SW846 6010B	12/19-12/20/00	DRKFX1CR
		Dilution Factor: 1				
		Analysis Time...: 17:20		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0354245				
Nickel	99	(80 - 120)		SW846 6010B	12/19-12/20/00	DRKFX1CT
	97	(80 - 120) 2.1 (0-25)		SW846 6010B	12/19-12/20/00	DRKFX1CU
		Dilution Factor: 1				
		Analysis Time...: 17:20		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0354245				
Thallium	97	(75 - 120)		SW846 6010B	12/19-12/20/00	DRKFX1CV
	93	(75 - 120) 4.0 (0-25)		SW846 6010B	12/19-12/20/00	DRKFX1CW
		Dilution Factor: 1				
		Analysis Time...: 17:20		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0354245				

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000091

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E0L180216

Matrix.....: SOLID

Date Sampled...: 12/15/00 10:00 Date Received..: 12/15/00 17:50

PARAMETER	PERCENT	RECOVERY	RPD	METHOD	PREPARATION-	WORK
	RECOVERY	LIMITS	RPD		ANALYSIS DATE	ORDER #
Vanadium	99	(80 - 120)		SW846 6010B	12/19-12/20/00	DRKFX1CX
	99	(80 - 120) 0.27 (0-25)	0.27	SW846 6010B	12/19-12/20/00	DRKFX1C0
		Dilution Factor: 1				
		Analysis Time...: 17:20		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0354245				
Zinc	95	(80 - 120)		SW846 6010B	12/19-12/20/00	DRKFX1C1
	86	(80 - 120) 4.0 (0-25)	4.0	SW846 6010B	12/19-12/20/00	DRKFX1C2
		Dilution Factor: 1				
		Analysis Time...: 17:20		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0354245				

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

000092

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E0L180216

Matrix.....: SOLID

Date Sampled...: 12/18/00 08:50 Date Received..: 12/18/00 17:25

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
MS Lot-Sample #: E0L180216-001 Prep Batch #....: 0354422							
Mercury	92	(80 - 120)		SW846	7471A	12/20-12/21/00	DRL801A3
	99	(80 - 120)	5.7	(0-20)	SW846	7471A	12/20-12/21/00 DRL801A4
Dilution Factor: 1							
Analysis Time...: 16:24				Instrument ID..: M04		Analyst ID.....: 021088	
MS Run #.....: 0354247							

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000093

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: E0L180216 **Work Order #....:** DRL801A1-MS **Matrix.....:** SOLID
MS Lot-Sample #: E0L180216-001 **DRL801A2-MSD**
Date Sampled....: 12/18/00 08:50 **Date Received...:** 12/18/00 17:25 **MS Run #.....:** 0354224
Prep Date.....: 12/19/00 **Analysis Date...:** 12/21/00
Prep Batch #....: 0354385 **Analysis Time...:** 17:32
Dilution Factor: 1 **Analyst ID.....:** 356074 **Instrument ID..:** G02

PARAMETER	PERCENT	RECOVERY	RPD	RPD	METHOD
	RECOVERY	LIMITS		LIMITS	
TPH (as Diesel)	90	(60 - 130)		SW846 8015B	
	78	(60 - 130)	14	SW846 8015B	

SURROGATE	PERCENT	RECOVERY	LIMITS
	RECOVERY		
Benzo(a)pyrene	91		(60 - 130)
	79		(60 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000094

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #....: E0L180216 Work Order #....: DRPJ41A1-MS Matrix.....: SOLID
MS Lot-Sample #: E0L190280-006 DRPJ41A2-MSD
 Date Sampled....: 12/19/00 10:32 Date Received...: 12/19/00 18:10 MS Run #.....: 0361167
 Prep Date.....: 12/21/00 Analysis Date...: 12/21/00
 Prep Batch #....: 0361304 Analysis Time...: 23:27
 Dilution Factor: 1 Analyst ID.....: 001464 Instrument ID..: G15

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	113	(80 - 140)			SW846 8015B
	120	(80 - 140)	5.7	(0-40)	SW846 8015B
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>		<u>RECOVERY LIMITS</u>	
a,a;a-Trifluorotoluene (TFT)		124		(60 - 130)	
		132 *		(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

000095